1/f noise
BT random noise
PT random noise
DEU Funkelrauschen

2-6 semiconductors
USE II-VI semiconductors
DEU 2-6-Halbleiter
DSY II-VI-Halbleiter

2-6-Halbleiter
DEU for 2-6 semiconductors

250-MHZ-Voruntersetzer

28 CMa stars
USE variable stars

2D digital filters
USE two-dimensional digital filters

2D electron gas
USE two-dimensional electron gas

2D hole gas
USE two-dimensional hole gas

2D photonic crystals
USE photonic crystals

2D spectra
USE two-dimensional spectra

2D spectroscopy
USE two-dimensional spectroscopy

2DEG
USE two-dimensional electron gas

3-5 semiconductors
USE III-V semiconductors

3-6 semiconductors
USE III-VI semiconductors

3-dimensional printing
USE three-dimensional printing

3-dimensionales Drucken
DEU for three-dimensional printing

3D displays
USE three-dimensional displays

3D integrated circuits
USE three-dimensional integrated circuits

3D printing
USE three-dimensional printing

3D TV
USE three-dimensional television

3D-Drucken
DUS für three-dimensional printing

3D-printing
USE three-dimensional printing

3G mobile communication
BT mobile radio
SY *3rd generation mobile communication*
cdma2000
UF *EDGE / 3G mobile communication + cellular radio + telecommunication standards*
UF *enhanced data rate for GSM evolution / 3G mobile communication + cellular radio + telecommunication standards*
UF *High-Speed Downlink Packet Access / 3G mobile communication + access protocols*
UF *HSDPA / 3G mobile communication + access protocols*
SY *IMT-2000*
third generation mobile communication
UMTS
Universal Mobile Telecommunication System
PT cellular radio
mobile radio
RT 4G mobile communication
broadband networks
cellular radio
code division multiple access
digital radio
femtocellular radio
high altitude stratospheric platforms
Long Term Evolution
next generation networks
packet radio networks
spread spectrum communication
DEU 3G mobile Kommunikation
DSY 3G-mobile-Kommunikation
mobile Kommunikation der 3.

Generation
mobile Kommunikation der dritten Generation
mobiles Funknetz
mobiles Kommunikationsnetz
UMTS-Netz
UMTS-Technologie

3G mobile Kommunikation
DEU for 3G mobile communication

3G-mobile-Kommunikation
DUS für 3G mobile communication

3He-A
USE superfluid helium-3

3He-B
USE superfluid helium-3

3rd generation mobile communication
USE 3G mobile communication

4-6 semiconductors
USE IV-VI semiconductors

4G mobile communication
BT mobile radio
SY *4th generation mobile communication*
fourth generation mobile communication
PT cellular radio
mobile radio
RT 3G mobile communication
cellular radio
code division multiple access
Long Term Evolution
packet radio networks
WiMax
DEU 4G mobile Kommunikation
DSY 4G-mobile-Kommunikation
mobile Kommunikation der dritten Generation
mobile Kommunikation der vierten Generation
mobiles Funknetz
mobiles Kommunikationsnetz
UMTS-Netz
UMTS-Technologie

4G mobile Kommunikation
DEU for 4G mobile communication

4G-mobile-Kommunikation
DUS für 4G mobile communication

4th generation mobile communication
USE 4G mobile communication

53 Per stars
USE variable stars

a mesons
BT meson resonances
PT meson resonances
DEU a-Meson

A-center lasers
USE colour centre lasers

A-centers
USE A-centres

A-centre lasers
USE colour centre lasers

A-centres
BT F-centres
SY *A-centers*
FA-centers
FA-centres
PT colour centres
F-centres
RT colour centre lasers
DEU A-Zentrum

a-Meson
DEU for a mesons

A-type contact binary stars
USE eclipsing binary stars

A-Zentrum
DEU for A-centres

A/D conversion
USE analogue-digital conversion

ab initio calculations
UF *SAMO calculations / ab initio calculations + orbital calculations*
PT atomic orbitals calculations
crystal electron states
electron energy states
molecular orbitals calculations
RT atomic structure
DEU Ab-Initio-Berechnung
DSY Ab-Initio-Kalkulation

Ab-Initio-Berechnung
DEU for ab initio calculations

Ab-Initio-Kalkulation
DUS für ab initio calculations

abacs
USE nomograms

Abbau
DEU for decomposition

Abbaureaktion
DEU for stripping reactions

Abbilden
DEU for imaging

Abbildung
DUS für imaging

Abbildungsfehler
DEU for aberrations

Abblättern
DEU for delamination

Abbremsen
DEU for braking

abductive inference
USE inference mechanisms

Aberration
DUS für aberrations

aberrations
SY *aperture aberration*
astigmatism (optical)
barrel distortion
chromatic aberration
circular aberration
coma
cross-aberration
geometric aberratios
lens aberrations
optical aberrations
pincushion distortion
scanner aberration
Seidel theory
sphere-chromatic aberration
spherical aberration
thermocapillary aberration
wavefront aberrations
RT aspherical optics
lenses
optical distortion
optical images
optics
particle optics
Zernike polynomials
DEU Abbildungsfehler
DSY Aberration
Aberrationsmodell
Aberrationspunktstreufunktion
Abweichung (optisch)
anisotrope Aberration
Aperturaberration
Asymmetrie-Ablenkung
Ausgangsphasenabweichung
Bildaberration
chromatische Aberration
geometrische Aberation
induzierte Aberration
Laserspiegel-Aberration
Linsen-Aberration
Linsenaberration
mechanische Aberration
minimale Aberration
perspektivische Verzerrung
Phasenaberration
Polarisationsaberration
Raumladungs-Aberration
Scanner-Aberration
sphärisch-chromatische Aberration
sphärische Aberrationskoeffizient
thermokapillare Aberration
Wellenaberration
Wellenfrontaberration
Zernike-Aberration
zirkulare Aberration

aberrations (visual)
USE vision defects

Aberrationsmodell
DUS für aberrations

Aberrationspunktstreufunktion
DUS für aberrations

Abfall (Müll)
DEU for waste

Abfallabwicklung
DEU for waste handling

Abfallbehandlung
DEU for waste treatment

Abfallbehandlungsausrüstung
DEU for waste handling equipment

Abfallbeseitigen
DEU for refuse disposal

Abfallbeseitigen
DUS für waste disposal

Abfallbeseitigung
DEU for waste disposal

Abfallkraftwerk
DEU for waste-to-energy power plants

Abfallmanagement
DEU for waste management

Abfallpressen
DUS für pressing

Abfallreduzierung
DEU for waste reduction

Abfallverarbeitungsausrüstung
DUS für waste handling equipment

Abfallverbrennungskraftwerk
DUS für waste-to-energy power plants

Abfallvermeidung
DUS für waste reduction

Abfallverwertung
DEU for waste recovery

Abfallwärme
DEU for waste heat

Abfertigung
DEU for dispatching

Abfragesprache
DEU for query languages

Abfrageverarbeitung
DEU for query processing

Abfüllen
DEU for filling

Abfüllen (Flasche)
DUS für bottling

Abfüllung (Flasche)
DEU for bottling

Abgasgegendruck
DUS für pressure

Abgassystem
DEU for exhaust systems

Abgleich
DEU for tuning

Abgraten
DEU for deburring

Abgratpresse
DUS für presses

Abhärtung
DEU for hardening

Ablagerung
DEU for accretion

Ablagerungsbildung
DUS für accretion

Ablagerungsscheibe
DEU for accretion disks

Ablaufdiagramm
DEU for flowcharting

Ablaufplanung
DUS für job shop scheduling

Ablaufplanung für einen Fließfertigungsbetrieb
DUS für flow shop scheduling

Ablaufplanung im Multiprozessor-System
DUS für processor scheduling

Ablaufsteuerung
DUS für job shop scheduling

Ableiter
DEU for arresters

Ablenkeinheit
DEU for divertors

Ablenker
DUS für divertors

Ablesen (Zähler)
DEU for metering

Ablösung
DUS für delamination

Abmessung
DEU for dimensions

ABMR (atomic beam magnetic resonance)
USE atomic beam magnetic resonance

abrasion
BT wear
SY *abrasive wear*
UF *magnetic abrasion finishing / abrasion + surface finishing*
SY *rubbing (abrasion)*
wear, abrasive
RT abrasives
friction
grinding
hardness
microhardness
polishing
DEU Abrasion (Technik)
DSY Abrieb
Abtragen (Oberfläche)
Verschleiß (Technik)

Abrasion (Technik)
DEU for abrasion

abrasive water jet cutting
USE water jet cutting

abrasive wear
USE abrasion
DEU Abrasivverschleiß

abrasives
BT production materials
PT abrasion
RT abrasion
diamond
grinding
DEU Schleifmittel
DSY Schleifhilfsmittel

Abrasivverschleiß
DEU for abrasive wear

Abrechnungsdatenverarbeitung
DUS für accounts data processing

Abrieb
DUS für abrasion

abriebfeste Beschichtung
DEU for wear resistant coatings

Abriebfestigkeit
DEU for wear resistance

Abriebprüfung
DEU for wear testing

Abriebtest
DUS für wear testing

Absatz (Marketing)
DEU for marketing

Absatzwirtschaftsdatenverarbeitung
DEU for marketing data processing

Abschälung
DUS für delamination

Abschätzung
DEU for appraisal

Abscheiden (Bearbeitung)
DEU for tapping (machining)

Abscheidung (physikalische Chemie)
DEU for precipitation (physical chemistry)

Abscheren
DEU for shearing

Abschieferung
DUS für delamination

Abschirmung
DEU for shielding

Abschirmungsausrüstung (Werkstoff)
DEU for screening equipment (materials processing)

Abschrecken (Metallurgie)
DEU for quenching (thermal)

Abschreckhärten
DEU for quench hardening

Abschreibung
DEU for depreciation

Abschreibungsmöglichkeit
DUS für depreciation

Abschreibungsnorm
DUS für depreciation

Abschreibungsverfahren
DUS für depreciation

Abschwächung des Klimawandels
DEU for climate mitigation

Absolutdruck
DUS für pressure

absolute Stabilität
DEU for absolute stability

absolute stability
BT stability
PT stability
DEU absolute Stabilität

absorbers (surge)
USE surge protection

absorbing media
NT radar absorbing materials
SY *dissipative media*
lossy media
RT electromagnetic wave absorption
electromagnetic wave scattering
light absorption
losses
optical losses
radiative transfer
DEU Absorptionsmittel
DSY Absorptionsmaterial
Absorptionsmedium
Absorptionswerkstoff

absorption
NT acoustic wave absorption
alpha-particle absorption
beta-ray absorption
electromagnetic wave absorption
electron absorption
hyperon absorption
meson absorption
neutron absorption
proton absorption
UF *attenuation / absorption + dispersion (wave) + scattering + transmission*
RT damping
fading
reflection
sorption
transmission
DEU Absorption (Welle)

Absorption (Welle)
DEU for absorption

absorption coefficients
BT light absorption
optical constants
SY *optical absorption coefficients*
PT optical constants
RT extinction coefficients
DEU Absorptionskoeffizient

Absorption elektromagnetischer Wellen
DEU for electromagnetic wave absorption

absorption spectra
USE spectra (general)

Absorptionskoeffizient
DEU for absorption coefficients

Absorptionsmaterial
DUS für absorbing media

Absorptionsmedium
DUS für absorbing media

Absorptionsmittel
DEU for absorbing media

Absorptionswerkstoff
DUS für absorbing media

Abstandsmessung
DEU for distance measurement

abstimmbarer Laser
DEU for laser tuning

abstract data types
BT data structures
NT data encapsulation
inheritance
persistent objects
PT data structures
RT aspect-oriented programming
object-oriented programming
type theory
DEU abstrakter Datentyp
DSY abstrakte Daten
abstrakte Datenart

abstract interpretation
USE program diagnostics

abstract machines
USE finite automata
\+ program compilers

abstracting
BT information analysis
PT information science
RT text analysis
DEU Referieren
DSY Abstrahieren
Abstrakterstellung
Autorenreferet
Referaterstellung
Referierung

Abstrahieren
DUS für abstracting

abstrakte Daten
DUS für abstract data types

abstrakte Datenart
DUS für abstract data types

abstrakter Datentyp
DEU for abstract data types

Abstrakterstellung
DUS für abstracting

Abtast-Daten-Filter
DEU for sampled data filters

Abtast-Daten-Schaltung
DEU for sampled data circuits

Abtast-Daten-System
DEU for sampled data systems

Abtastantenne
DEU for scanning antennas

Abtragen (Oberfläche)
DUS für abrasion

Abtragungsreaktion
DUS für stripping reactions

abundance ratio
USE element relative abundance
\+ isotope relative abundance

Abwärme
DUS für waste heat

Abwässer (allgemein)
DEU for effluents

Abwässerbehandlung
DEU for wastewater treatment

Abwasser (allgemein)
DUS für effluents

Abwasseraufbereitung
DEU for sewage treatment

Abwasseraufbereitung
DUS für wastewater treatment

Abwasserbehandlung
DUS für wastewater treatment

Abweichung (optisch)
DUS für aberrations

Abwiegen
DEU for weighing

Abzug (mechanisches Element)
DEU for vents (mechanical components)

Abzweigfilter
DEU for ladder filters

Abzweigschaltung
DEU for ladder networks

Ac (chemical element)
USE actinium
DEU Ac (chemisches Element)

Ac (chemisches Element)
DEU for Ac (chemical element)

AC generators
BT AC machines
electric generators
NT asynchronous generators
synchronous generators
RT machine bearings
machine insulation
machine testing
machine theory
machine windings
rotors
stators
DEU Wechselstromgenerator
DSY AC-Fahrzeuggenerator
Automobilwechselstromgenerator
Drehfeld-Wechselstromgenerator
Drehstromgenerator
Dreiphasenwechselstromgenerator
Fahrzeugwechselstromgenerator
Kraftfahrzeug-Drehstromgenerator
Kraftfahrzeugwechselspannungsgen
erator
Kraftfahrzeugwechselstromgenerato
r

Kraftwagenwechselstromgenerator
Supraleiterwechselstromgenerator
Wechelstrom-Generator
Wechselspannungsgenerator
Wechselstromfahrzeuggenerator
Wechselstromgeneratorsystem

AC machines
BT electric machines
NT AC generators
AC motors
asynchronous machines
synchronous machines
RT machine bearings
machine insulation
machine testing
machine theory
machine windings
rotors
stators
DEU Wechselstrommaschine
DSY Drehstrommaschine

AC motor drives
BT AC motors
motor drives
NT induction motor drives
synchronous motor drives
PT AC motors
electric drives
variable speed drives
RT variable speed drives
DEU Wechselstromantriebsmotor
DSY Drehfeldmotor
Drehstromantrieb
Drehstromantriebsmotor
Drehstrommotorantrieb
Drehstrommotor
Wechselstromantrieb
Wechselstrommotorantrieb
Wechselstrommotor

AC motor protection
BT AC motors
motor protection
NT induction motor protection
synchronous motor protection
PT AC motors
machine protection
DEU Drehstrommotorschutz
DSY Wechselstrommotorschutz

AC motors
BT AC machines
electric motors
NT AC motor drives
AC motor protection
capacitor motors
induction motors
synchronous motors
SY *repulsion motors*
RT brushless machines
machine bearings
machine insulation
machine testing
machine theory
machine windings
rotors
stators
variable speed drives
DEU Drehstrommotor
DSY Wechselstrommotor

AC network analysers
USE network analysers

AC-AC power converters
USE AC-AC power convertors

AC-AC power convertors
BT power convertors
SY *AC-AC power converters*
PT power convertors
RT matrix convertors
power electronics
power supplies to apparatus
power supply circuits
DEU Drehstromkonverter
DSY Drehstromleistungskonverter
Drehstromleistungswandler
Drehstromwandler
Wechselstromkonverter
Wechselstromleistungskonverter
Wechselstromleistungswandler
Wechselstromwandler

AC-DC power converters
USE AC-DC power convertors

AC-DC power convertors
BT power convertors
SY *AC-DC power converters*
AC-DC-power-converters
PT power convertors
RT HVDC power convertors
power electronics
power supplies to apparatus
power supply circuits
PWM rectifiers
rectifying circuits
DEU Drehstrom-Gleichstrom-Konverter
DSY Drehstrom-Gleichstrom-Wandler
Drehstrom-Gleichstromkonverter
Drehstrom-Gleichstromwandler
Wechselstrom-Gleichstrom-
Konverter

Wechselstrom-Gleichstrom-Wandler
Wechselstrom-Gleichstromkonverter
Wechselstrom-Gleichstromwandler

AC-DC-power-converters
USE AC-DC power convertors

AC-Fahrzeuggenerator
DUS für AC generators

academic libraries
BT special libraries
SY *school libraries*
UF *university libraries / academic libraries + research libraries*
PT libraries
RT public libraries
research libraries
DEU wissenschaftliche Bibliothek
DSY akademische Bibliothek
British Library
Fachschulbibliothek
Hochschulbibliothek
Library of Congress
Universitäts- und Landesbibliothek
Universitätsbibliothek

accelerated testing
USE life testing

accelerating Universe
USE cosmic acceleration
\+ cosmology
\+ dark energy

acceleration
BT kinematics
RT acceleration control
acceleration measurement
accelerometers
dynamics
DEU Beschleunigung

acceleration control
BT mechanical variables control
RT acceleration
acceleration measurement
accelerometers
velocity control
DEU Beschleunigungskontrolle
DSY Beschleunigungsregelung
Beschleunigungssteuerung

acceleration measurement
BT mechanical variables measurement
RT acceleration
acceleration control
accelerometers
transducers
DEU Beschleunigungsmessen
DSY Beschleunigungsmessung

accelerator cavities
BT beam handling equipment
particle accelerators
PT beam handling equipment
particle accelerators
RT accelerator RF systems
cavity resonators
DEU Beschleunigerhohlraum
DSY Beschleunigerresonator
Beschleunigerröhre
Beschleunigungskavität
Beschleunigungslücke

accelerator control systems
BT particle accelerators
physical instrumentation control
PT particle accelerators
physical instrumentation control
RT beam handling techniques
physics computing
DEU Beschleunigerkontrollsystem
DSY Beschleunigerregelungssystem
Beschleunigersteuersystem
Beschleunigersteuerungssystem
Teilchenbeschleunigersteuerungssystem

accelerator magnets
BT beam handling equipment
magnets
particle accelerators
UF *accelerator superconducting magnets / accelerator magnets + superconducting magnets*
PT beam handling equipment
particle accelerators
RT electromagnets
superconducting magnets
DEU Beschleunigermagnet
DSY Beschleuniger-Magnet
Magnet für Beschleuniger
Magnettechnologie für Beschleuniger
Synchrotron-Magnet
Teilchenbeschleunigermagnet

accelerator RF systems
BT particle accelerators
power supplies to apparatus
PT particle accelerators
power supplies to apparatus
RT accelerator cavities
beam handling equipment
DEU Beschleuniger-HF-System
DSY Beschleuniger-RF-System
Beschleunigerhochfrequenzsystem
Beschleunigerradiofrequenzsystem

accelerator superconducting magnets
USE accelerator magnets
\+ superconducting magnets

accelerator-based transmutation
BT neutron effects
SY *radionuclide transmutation*
RT radioactive waste processing
radioisotopes
DEU beschleunigerbasierte
Neutronenmutation
DSY beschleunigerbasierte
Transmutation

accelerators (particle)
USE particle accelerators

accelerometers
BT meters
transducers
PT acceleration measurement
RT acceleration
acceleration control
acceleration measurement
velocimeters
velocity measurement
DEU Beschleunigungsmesser
DSY Beschleunigungsmessgerät
Beschleunigungssensor

acceptor levels
USE impurity states

access control
BT security
NT biometrics (access control)
SY *security locks (electronic)*
PT safety systems
RT building management systems
building services
computer installation
plastic cards
safety systems
security of data
smart cards
DEU Berechtigungskontrolle
DSY Zugangskontrolle
Zugriffskontrolle

access control (computers)
USE authorisation

access networks
USE subscriber loops

access protocols
BT protocols
NT carrier sense multiple access
code division multiple access
cyclic reservation multiple access
demand assigned multiple access
frequency division multiple access
packet reservation multiple access
space division multiple access
time division multiple access
SY *ALOHA*
UF *distributed queue dual bus / access protocols + metropolitan area networks*
UF *DQDB / access protocols + metropolitan area networks*
UF *High-Speed Downlink Packet Access / 3G mobile communication + access protocols*
UF *HSDPA / 3G mobile communication + access protocols*
SY *MAC protocols*
media access control protocols
PT protocols
DEU Zugangsprotokoll
DSY Zugriffsprotokoll
Zutrittsprotokoll

accident prevention
BT safety
PT accidents
safety
RT accidents
explosion protection
preventive maintenance
risk analysis
safety devices
DEU Unfallverhütung
DSY Unfallvorbeugung

accidents
NT aerospace accidents
electrical accidents
fission reactor accidents
industrial accidents
marine accidents
railway accidents

road accidents
UF *forensic engineering / accidents + failure analysis + forensic science + law*
RT accident prevention
alarm systems
disasters
electrical faults
emergency management
emergency services
explosions
fires
first aid
fission reactor safety
fusion reactor safety
injuries
medicine
rescue robots
safety
DEU Unfall
DSY Unglück

accommodation coefficient
USE sorption

accounting
BT finance
NT accounts data processing
auditing
bookkeeping
credit transactions
debit transactions
invoicing
letters of credit
management accounting
remittance processing
tax preparation
RT costing
enterprise resource planning
financial management
DEU Rechnungswesen
DSY Rechnungsführung und Kontrolle
Rechnungswesen und Kontrolle

accounts data processing
BT accounting
financial data processing
PT financial administrative data processing
DEU Betriebsabrechnung
DSY Abrechnungsdatenverarbeitung
Rechnungsdatenverarbeitung

accreditation
RT calibration
certification
educational courses
laboratories
measurement standards
professional aspects
DEU Akkreditierung
DSY Beglaubigen (Sachverhalt)
Beurteilung (Sachverhalt)
Zertifizierung

accretion
NT dust accretion
ice accretion
PT mass transfer
RT accretion disks
astrophysical fluid dynamics
mass transfer
quasi-periodic oscillations (astronomical)
DEU Ablagerung
DSY Ablagerungsbildung

accretion disks
UF *galactic accretion disks / accretion disks + galactic nuclei*
SY *stellar accretion disks*
PT circumstellar shells
RT accretion
black holes
cataclysmic binary stars
circumstellar matter
dwarf novae
extrasolar planetary formation
galactic nuclei
quasars
quasi-periodic oscillations (astronomical)
DEU Ablagerungsscheibe

accumulation layers
BT interface phenomena
PT metal-insulator-semiconductor structures
surface electron states
RT MIS structures
surface states
DEU Anreicherungsschicht

accumulators
USE secondary cells

ACD systems
USE automatic telephone systems

Achse
DEU for axles

Achterbaum
DEU for octrees

acid rain
USE air pollution

acidity
USE pH value

acids, inorganic
USE hydrogen compounds

acids, organic
USE organic compounds

Acorn computers
BT digital computers
SY *BBC computers*
PT microcomputers
RT microcomputers
DEU ACORN-Computer

ACORN-Computer
DEU for Acorn computers

acoustic absorbers
USE acoustic materials
DEU Schallabsorber

acoustic analysis
NT acoustic laboratories
RT acoustics
DEU akustische Analyse
DSY Schallanalyse

acoustic applications
NT acoustic measurement
ultrasonic applications
RT acoustic wave effects
acoustics
materials testing
DEU akustische Anwendung
DSY Akustikanwendung

acoustic arrays
BT acoustic equipment
arrays
NT acoustic transducer arrays
sonar arrays
ultrasonic arrays
PT acoustic equipment
RT nonlinear acoustics
underwater sound
DEU akustische Anordnung
DSY akustisches Array

acoustic cavitation
USE cavitation
\+ nonlinear acoustics

acoustic charge transport devices
BT acoustoelectric devices
SY *ACT devices*
PT acoustoelectric devices
surface acoustic wave devices
RT acoustic delay lines
signal processing equipment
surface acoustic wave devices
surface acoustic wave filters
DEU akustische Ladungstransportschaltung
DSY akustisches Ladungstransportbauelement
akustisches Ladungstransportgerät

acoustic convolution
BT acoustic signal processing
convolution
NT acousto-optical convolution
surface acoustic wave convolution
SY *acoustic convolvers*
PT acoustic signal processing
DEU akustische Faltung
DSY Schallfaltung

acoustic convolvers
USE acoustic convolution

acoustic correlation
BT acoustic signal processing
correlation methods
NT acousto-optical correlation
surface acoustic wave correlation
SY *acoustic correlators*
PT acoustic signal processing
correlation methods
RT decorrelation
DEU akustische Korrelation
DSY Akustikkorrelation

acoustic correlators
USE acoustic correlation

acoustic couplers
BT acoustic devices
waveguide couplers
NT surface acoustic wave couplers
RT acoustic waveguides
DEU Akustikkoppler
DSY Akustokoppler

acoustic delay lines
BT acoustic devices
delay lines
NT surface acoustic wave delay lines
ultrasonic delay lines
PT delay lines

RT acoustic charge transport devices
DEU akustische Verzögerungsleitung
DSY Schallverzögerungsleitung

acoustic detectors
USE acoustic transducers

acoustic devices
BT acoustic equipment
NT acoustic couplers
acoustic delay lines
acoustic filters
acoustic generators
acoustic microwave devices
acoustic parametric devices
acoustic radiators
acoustic receivers
acoustic resonators
acoustic transducers
acoustic waveguides
acousto-optical devices
acoustoelectric devices
bulk acoustic wave devices
musical instruments
silencers
surface acoustic wave devices
ultrasonic devices
UF *acoustic lenses / acoustic devices + acoustic imaging + acoustic materials*
RT acoustic variables measurement
acoustics
audio equipment
audio recording
audio systems
sonar
sound reproduction
DEU Akustikgerät
DSY akustische Bauelement
akustische Einrichtung
akustisches Gerät

acoustic dispersion
BT dispersion (wave)
NT ultrasonic dispersion
RT acoustic wave diffraction
acoustic wave propagation
acoustic wave refraction
acoustic wave scattering
acoustic wave velocity
acoustics
DEU Akustikstreuung
DSY akustische Streuung
Schallstreuung

acoustic distortion
BT distortion
RT acoustic noise
acoustic signal processing
loudspeakers
nonlinear acoustics
DEU akustische Störung
DSY akustische Verzerrung
Klirrfaktor

acoustic distortion measurement
USE acoustic variables measurement
\+ distortion measurement

acoustic echoes
USE echo

acoustic emission
BT emission
NT acoustic superradiance
PT acoustic waves
RT acoustic emission testing
acoustic waves
DEU Schallemission
DSY Geräuschemission
Lärmemission
Schallwellenemission

acoustic emission testing
BT materials testing
PT acoustic emission
nondestructive testing
RT acoustic emission
acoustic measurement
flaw detection
nondestructive testing
ultrasonic materials testing
DEU Schallemissionsprüfung
DSY Akustikemissionsprüfung
Prüfen des Geräuschpegels
Prüfen des Lärmpegels
Schallpegelprüfung
Schallwellenemissionsprüfung
Test des Lärmpegels
Testen des Geräuschpegels

acoustic equipment
NT acoustic arrays
acoustic devices
acoustic microscopes
acoustic wave interferometers
sound-level meters
ultrasonic equipment
RT acoustic measurement
acoustics
audio equipment
audio recording
audio systems

sonar
sound reproduction
DEU akustische Ausrüstung
DSY akustische Vorrichtung

acoustic ESR
USE acoustic paramagnetic resonance

acoustic field
SY *sound field*
RT acoustic intensity measurement
acoustic radiators
acoustics
DEU Schallfeld
DSY Schallwellenfeld

acoustic filters
BT acoustic devices
filters
NT acoustic resonator filters
surface acoustic wave filters
PT filters
RT acoustic materials
acoustic signal processing
ear protection
DEU Akustikfilter
DSY akustisches Filter
Schallfilter

acoustic focusing
BT focusing
NT ultrasonic focusing
SY *acoustic focussing*
PT focusing
RT acoustic wave diffraction
acoustic wave reflection
DEU akustische Fokussierung
DSY Schallfokussierung

acoustic focussing
USE acoustic focusing

acoustic generators
BT acoustic devices
NT loudspeakers
SY *generators, acoustic*
UF *sound boards (computer peripherals) / acoustic generators + electronic music*
SY *sound generators*
UF *sound sources / acoustic generators + acoustic radiators*
RT acoustic radiators
acoustic wave production
acoustics
acoustoelectric effects
alarm systems
computer peripheral equipment
noise generators
photoacoustic effect
DEU Akustikgenerator
DSY Schallgenerator

acoustic holography
BT acoustic imaging
holography
SY *ultrasonic holography*
PT acoustic imaging
holography
RT acoustics
ultrasonic imaging
DEU akustische Holografie
DSY akustische Holographie

acoustic imaging
BT imaging
NT acoustic holography
acoustic microscopy
acoustic tomography
sonar imaging
ultrasonic imaging
UF *acoustic lenses / acoustic devices + acoustic imaging + acoustic materials*
UF *apodisation / acoustic imaging + optical images*
UF *apodization / acoustic imaging + optical images*
RT acoustic measurement
acoustic microscopes
acoustics
DEU akustische Bildgebung
DSY akustisches Abbildungsverfahren

acoustic impedance
SY *acoustic reactance*
acoustic resistance
impedance, acoustic
RT acoustic wave velocity
acoustics
DEU akustische Impedanz
DSY Schallimpedanz

acoustic insulating materials
USE noise abatement

acoustic intensity
SY *sound intensity*
PT acoustics
RT acoustic noise
acoustic variables measurement
acoustics
loudness
DEU akustische Intensität
DSY akustische Leistung
Schallleistung

Schallstärke

acoustic intensity measurement
BT acoustic variables measurement
intensity measurement
SY *acoustic power measurement*
acoustic pressure measurement
PT acoustic variables measurement
RT acoustic field
loudness
sound-level meters
DEU Schallstärkemessen
DSY Schallstärkemessung

acoustic laboratories
BT acoustic analysis
DEU Akustiklabor
DSY Akustiklaboratorium

acoustic lenses
USE acoustic devices
\+ acoustic imaging
\+ acoustic materials

acoustic magnetic resonance
BT acoustic wave effects
magnetic resonance
NT acoustic nuclear magnetic resonance
acoustic paramagnetic resonance
PT acoustic wave effects
magnetic resonance
DEU Akustikmagnetresonanz
DSY Schallmagnetresonanz

acoustic materials
BT materials
NT acoustic metamaterials
SY *acoustic absorbers*
UF *acoustic lenses / acoustic devices + acoustic imaging + acoustic materials*
SY *acoustic windows*
windows, acoustic
RT acoustic filters
DEU Akustikwerkstoff

acoustic measurement
BT acoustic applications
measurement
NT ultrasonic measurement
RT acoustic emission testing
acoustic equipment
acoustic imaging
acoustic variables measurement
photoacoustic spectroscopy
sonar
DEU akustische Messung
DSY Schallmessung

acoustic metamaterials
BT acoustic materials
metamaterials
PT acoustic materials
metamaterials
RT acoustic resonators
acoustic wave refraction
density
elastic moduli
phononic crystals
ultrasonic refraction
DEU Akustikmetawerkstoff
DSY akustischer Metawerkstoff
akustisches Metamaterial

acoustic microscopes
BT acoustic equipment
microscopes
SY *scanning acoustic microscopes*
ultrasonic microscopes
PT acoustic devices
acoustic equipment
microscopes
RT acoustic imaging
acoustic microscopy
ultrasonic imaging
DEU akustisches Mikroskop
DSY Ultraschallmikroskop

acoustic microscopy
BT acoustic imaging
microscopy
SY *scanning acoustic microscopy*
ultrasonic microscopy
PT acoustic microscopes
RT acoustic microscopes
DEU Ultraschallmikroskopie

acoustic microwave devices
BT acoustic devices
microwave devices
SY *microwave acoustic devices*
RT acoustics
bulk acoustic wave devices
surface acoustic wave devices
ultrasonic transducers
DEU Akustikmikrowellengerät
DSY akustisches Mikrowellengerät

acoustic mode of crystals
USE lattice dynamics

acoustic noise
BT noise
NT noise (working environment)
noise pollution
SY *noise levels, acoustic*
RT acoustic distortion

acoustic intensity
acoustic noise measurement
acoustic variables measurement
acoustic wave interference
acoustics
anechoic chambers (acoustic)
architectural acoustics
hearing
loudness
silencers
vibrations
DEU akustisches Rauschen

acoustic noise control
USE noise abatement

acoustic noise measurement
BT acoustic variables measurement
noise measurement
PT acoustic variables measurement
noise measurement
RT acoustic noise
noise abatement
sound-level meters
DEU Lautstärkemessung
DSY Messung akustischen Rauschens
Schallmessung
Störgeräuschmessung

acoustic nuclear magnetic resonance
BT acoustic magnetic resonance
nuclear magnetic resonance
SY *ANMR*
nuclear acoustic resonance
nuclear magnetic acoustic resonance
PT nuclear acoustic resonance
DEU akustische Atomkernmagnetresonanz

acoustic paramagnetic resonance
BT acoustic magnetic resonance
paramagnetic resonance
SY *acoustic ESR*
APR
DEU akustische paramagnetische Resonanz

acoustic parametric amplifiers
USE acoustic parametric devices
\+ parametric amplifiers

acoustic parametric devices
BT acoustic devices
parametric devices
UF *acoustic parametric amplifiers / acoustic parametric devices + parametric amplifiers*
UF *acoustic parametric oscillators / acoustic parametric devices + parametric oscillators*
PT acoustic devices
parametric devices
RT parametric amplifiers
parametric oscillators
DEU akustisches parametrisches Bauelement
DSY akustisches parametrisches Gerät

acoustic parametric oscillators
USE acoustic parametric devices
\+ parametric oscillators

acoustic power measurement
USE acoustic intensity measurement

acoustic pressure measurement
USE acoustic intensity measurement

acoustic pulses
BT acoustic wave propagation
SY *sound pulses*
RT acoustic waves
DEU akustischer Stoß
DSY Schallstoß
Schallwellenstoß

acoustic radiators
BT acoustic devices
SY *acoustic sources*
UF *sound sources / acoustic generators + acoustic radiators*
RT acoustic field
acoustic generators
acoustic wave production
acoustics
Doppler effect
loudspeakers
radiation
DEU Schallstrahler

acoustic reactance
USE acoustic impedance

acoustic receivers
BT acoustic devices
receivers
RT acoustics
microphones
DEU akustischer Empfänger
DSY Schallempfänger

acoustic resistance
USE acoustic impedance

acoustic resonance
BT nonlinear acoustics
resonance
PT resonance
RT reverberation
vibrations
DEU akustische Resonanz
DSY Schallresonanz

acoustic resonator filters
BT acoustic filters
acoustic resonators
resonator filters
NT surface acoustic wave resonator filters
PT acoustic filters
acoustic resonators
RT crystal filters
DEU akustischer Resonatorfilter
DSY Schallresonatorfilter

acoustic resonators
BT acoustic devices
cavity resonators
NT acoustic resonator filters
surface acoustic wave resonators
RT acoustic metamaterials
acoustics
bulk acoustic wave devices
surface acoustic wave sensors
DEU akustischer Resonator

acoustic signal detection
BT signal detection
NT sonar detection
PT acoustic signal processing
signal detection
RT acoustic signal processing
DEU akustische Signaldetektion
DSY akustische Signalerkennung

acoustic signal processing
BT signal processing
NT acoustic convolution
acoustic correlation
acousto-optical signal processing
sonar signal processing
surface acoustic wave signal processing
PT signal processing
RT acoustic distortion
acoustic filters
acoustic signal detection
acoustic tomography
active noise control
audio signal processing
information theory
microphone arrays
spectral analysis
DEU akustische Signalverarbeitung

acoustic sources
USE acoustic radiators

acoustic streaming
SY *streaming, acoustic*
RT acoustic wave propagation
nonlinear acoustics
radiation pressure
DEU akustische Strömung
DSY Schallströmung
transsonische Strömung

acoustic superradiance
BT acoustic emission
superradiance
PT acoustic emission
RT spin-phonon interactions
DEU akustische Superradianz
DSY akustische Superstrahlung
Superschallstrahlung

acoustic surface wave devices
USE surface acoustic wave devices

acoustic surface waves
USE surface acoustic waves

acoustic tomography
BT acoustic imaging
tomography
UF *ultrasonic tomography / acoustic tomography + ultrasonic imaging*
PT acoustic imaging
computerised tomography
RT acoustic signal processing
biomedical ultrasonics
computerised tomography
oceanographic techniques
DEU akustische Tomographie

acoustic transducer arrays
BT acoustic arrays
acoustic transducers
NT microphone arrays
ultrasonic transducer arrays
PT acoustic arrays
acoustic transducers
DEU akustische Wandleranordnung
DSY akustischer Schallwandler
Schallwandler-Array
Schallwandlerarray
Schallwandlergruppe
Ultraschallwandler-Array

acoustic transducers
BT acoustic devices
transducers
NT acoustic transducer arrays
acoustoelectric transducers
surface acoustic wave transducers
ultrasonic transducers
SY *acoustic detectors*
PT transducers
RT acoustic variables measurement
acousto-optical effects
magnetostrictive devices
piezoelectric transducers
DEU akustischer Wandler
DSY Schallempfänger- und Sender
Schallsender und -Empfänger

acoustic variables control
BT control of specific variables
NT active noise control
RT acoustic variables measurement
noise abatement
DEU Steuerung und Regelung
akustischer Größen

acoustic variables measurement
BT measurement
NT acoustic intensity measurement
acoustic noise measurement
acoustic wave velocity
measurement
ultrasonic variables measurement
UF *acoustic distortion measurement /*
acoustic variables measurement +
distortion measurement
SY *sound measurement*
RT acoustic devices
acoustic intensity
acoustic measurement
acoustic noise
acoustic transducers
acoustic variables control
acoustic wave interferometry
acoustic wave propagation
acoustics
anechoic chambers (acoustic)
magnetostrictive devices
piezoelectric devices
reverberation chambers
vibration measurement
DEU Messen akustischer Größen

acoustic velocity
USE acoustic wave velocity

acoustic wave absorption
BT absorption
NT ultrasonic absorption
SY *acoustic wave attenuation*
RT acoustic wave propagation
acoustic wave reflection
acoustic wave scattering
acoustic waves
bioacoustics
noise abatement
DEU Schallabsorption
DSY Schallwellenabsorption

acoustic wave amplification
BT amplification
SY *sound amplification*
PT acoustic wave effects
RT acoustic wave propagation
acoustic waves
acoustoelectric effects
DEU Schallwellenverstärkung

acoustic wave attenuation
USE acoustic wave absorption

acoustic wave diffraction
BT diffraction
NT ultrasonic diffraction
RT acoustic dispersion
acoustic focusing
acoustic wave propagation
acoustic waves
DEU Schallwellenbeugung

acoustic wave diffusion
USE acoustic wave scattering

acoustic wave effects
BT radiation effects
NT acoustic magnetic resonance
acousto-optical effects
acoustoelectric effects
biological effects of acoustic
radiation
magnetoacoustic effects
shock wave effects
sonoluminescence
ultrasonic effects
RT acoustic applications
acoustic waves
DEU Akustikwelleneffekt

acoustic wave interference
BT interference (wave)
RT acoustic noise
acoustic wave interferometers
acoustic wave interferometry
acoustic wave propagation

acoustic waves
DEU Schallwelleninterferenz

acoustic wave interferometers
BT acoustic equipment
interferometers
RT acoustic wave interference
acoustic wave interferometry
acoustic wave propagation
acoustic waves
DEU Akustikwelleninterferometer
DSY Ultraschallinterferometrie

acoustic wave interferometry
BT interferometry
RT acoustic variables measurement
acoustic wave interference
acoustic wave interferometers
acoustic wave propagation
acoustic waves
DEU Akustikwelleninterferometrie
DSY Schallwelleninterferometrie
Ultraschallinterferometrie
Ultraschallwelleninterferometrie

acoustic wave production
RT acoustic generators
acoustic radiators
acoustic waves
photoacoustic effect
DEU Erzeugung von Schallwellen
DSY Produktion von Schallwellen
Schallwellenerzeugung
Schallwellenproduktion

acoustic wave propagation
BT wave propagation
NT acoustic pulses
liquid helium sound propagation
ultrasonic propagation
underwater acoustic propagation
SY *sonic propagation*
sound propagation
RT acoustic dispersion
acoustic streaming
acoustic variables measurement
acoustic wave absorption
acoustic wave amplification
acoustic wave diffraction
acoustic wave interference
acoustic wave interferometers
acoustic wave interferometry
acoustic wave reflection
acoustic wave refraction
acoustic wave scattering
acoustic wave transmission
acoustic wave velocity
acoustic waves
atmospheric acoustics
Doppler effect
hearing
shock waves
sonar
speech
underwater sound
DEU Schallausbreitung

acoustic wave reflection
BT reflection
NT ultrasonic reflection
RT acoustic focusing
acoustic wave absorption
acoustic wave propagation
acoustic waves
architectural acoustics
echo
reverberation
DEU Schallwellenreflexion

acoustic wave refraction
BT refraction
NT ultrasonic refraction
RT acoustic dispersion
acoustic metamaterials
acoustic wave propagation
acoustic waves
DEU Schallwellenbrechung

acoustic wave scattering
BT scattering
NT ultrasonic scattering
SY *acoustic wave diffusion*
RT acoustic dispersion
acoustic wave absorption
acoustic wave propagation
acoustic waves
bioacoustics
DEU Schallwellenstreuung

acoustic wave transmission
BT transmission
NT ultrasonic transmission
RT acoustic wave propagation
acoustic waves
architectural acoustics
bioacoustics
DEU Schallübertragung

acoustic wave velocity
BT velocity
NT ultrasonic velocity
SY *acoustic velocity*
sound velocity
RT acoustic dispersion
acoustic impedance
acoustic wave propagation

acoustic wave velocity
measurement
acoustic waves
liquid helium sound propagation
Mach number
shock waves
DEU Schallgeschwindigkeit

acoustic wave velocity measurement
BT acoustic variables measurement
velocity measurement
NT ultrasonic velocity measurement
RT acoustic wave velocity
DEU Messen der Geschwindigkeit akustischer Wellen
DSY Messen der Geschwindigkeit von Schallwellen
Schallgeschwindigkeitsmessung

acoustic waveguides
BT acoustic devices
waveguides
NT surface acoustic wave waveguides
PT acoustic equipment
waveguides
RT acoustic couplers
underwater sound
DEU Akustikwellenleiter
DSY akustischer Wellenleiter
Schallwellenleiter

acoustic waves
BT elastic waves
NT shock waves
surface acoustic waves
ultrasonic waves
SY *infrasonic waves*
UF *sound / acoustic waves + acoustics*
SY *sound waves*
RT acoustic emission
acoustic pulses
acoustic wave absorption
acoustic wave amplification
acoustic wave diffraction
acoustic wave effects
acoustic wave interference
acoustic wave interferometers
acoustic wave interferometry
acoustic wave production
acoustic wave propagation
acoustic wave reflection
acoustic wave refraction
acoustic wave scattering
acoustic wave transmission
acoustic wave velocity
acoustics
Doppler effect
geometrical acoustics
hearing
musical acoustics
phonons
radiation
seismic waves
DEU akustische Welle
DSY Schallwelle

acoustic windows
USE acoustic materials

acoustical laboratories
DEU Akustiklaboratorium
DSY akustisches Labor
akustisches Laboratorium
Schalllabor
Schalllaboratorium

acoustics
NT aeroacoustics
atmospheric acoustics
audio acoustics
geometrical acoustics
musical acoustics
nonlinear acoustics
structural acoustics
thermoacoustics
ultrasonics
underwater sound
UF *sound / acoustic waves + acoustics*
RT acoustic analysis
acoustic applications
acoustic devices
acoustic dispersion
acoustic equipment
acoustic field
acoustic generators
acoustic holography
acoustic imaging
acoustic impedance
acoustic intensity
acoustic microwave devices
acoustic noise
acoustic radiators
acoustic receivers
acoustic resonators
acoustic variables measurement
acoustic waves
acousto-optical effects
acoustoelectric effects
harmonics
hearing
loudness
photoacoustic effect
reverberation chambers
shock waves

sound reproduction
speech recognition
vibrations
DEU Akustik

acousto-optical convolution
BT acoustic convolution
acousto-optical signal processing
SY *acousto-optical convolvers*
PT acousto-optical devices
optical information processing
DEU akusto-optische Faltung
DSY akustooptische Faltung
Licht-Schall-Faltung
opto-akustische Faltung
optoakustische Faltung
Schall-Licht-Faltung

acousto-optical convolvers
USE acousto-optical convolution

acousto-optical correlation
BT acoustic correlation
acousto-optical signal processing
optical correlation
SY *acousto-optical correlators*
PT acousto-optical devices
optical information processing
DEU akusto-optische Korrelation
DSY akustooptische Korrelation

acousto-optical correlators
USE acousto-optical correlation

acousto-optical deflectors
BT acousto-optical devices
optical deflectors
PT acousto-optical devices
optical deflectors
DEU akusto-optische Ablenkeinheit
DSY akusto-optischer Deflektor
akustooptische Ablenkeinheit
akustooptischer Deflektor

acousto-optical devices
BT acoustic devices
NT acousto-optical deflectors
acousto-optical filters
acousto-optical modulation
acousto-optical signal processing
acousto-optical switches
UF *acoustooptics / acousto-optical devices + acousto-optical effects*
PT acousto-optical effects
RT acousto-optical effects
optical deflectors
DEU akusto-optische Einrichtung
DSY akusto-optische Vorrichtung
akusto-optisches Gerät
akustooptische Einrichtung
akustooptische Vorrichtung
akustooptisches Gerät

acousto-optical effects
BT acoustic wave effects
optical properties
UF *acoustooptics / acousto-optical devices + acousto-optical effects*
UF *Raman-Nath theory / acousto-optical effects + light diffraction*
RT acoustic transducers
acoustics
acousto-optical devices
lasers
light coherence
optical modulation
ultrasonics
DEU akusto-optischer Effekt
DSY akustooptischer Effekt

acousto-optical filters
BT acousto-optical devices
optical filters
PT acousto-optical devices
optical filters
DEU akusto-optisches Filter
DSY akustooptisches Filter

acousto-optical modulation
BT acousto-optical devices
optical modulation
PT acousto-optical devices
optical modulation
DEU akusto-optische Modulation
DSY akustooptische Modulation

acousto-optical signal processing
BT acoustic signal processing
acousto-optical devices
optical information processing
NT acousto-optical convolution
acousto-optical correlation
PT acousto-optical devices
optical information processing
DEU akusto-optische Signalverarbeitung
DSY akustooptische Signalverarbeitung

acousto-optical switches
BT acousto-optical devices
optical switches
PT acousto-optical devices
optical switches
DEU akusto-optischer Schalter
DSY akustooptischer Schalter

acoustoelasticity
USE elasticity

acoustoelectric devices
BT acoustic devices
NT acoustic charge transport devices
acoustoelectric transducers
SY *electroacoustic devices*
PT electroacoustic devices
RT crystal filters
pulsed electroacoustic methods
DEU akusto-elektrisches Bauelement
DSY akusto-elektrisches Gerät
akustoelektrisches Bauelement
akustoelektrisches Gerät
elektro-akustisches Bauelement
elektro-akustisches Gerät
elektroakustisches Bauelement
elektroakustisches Gerät

acoustoelectric effects
BT acoustic wave effects
electric field effects
NT pulsed electroacoustic methods
SY *electroacoustic effects*
RT acoustic generators
acoustic wave amplification
acoustics
domains
phonon drag
piezoelectric semiconductors
semiconductor materials
semiconductors
DEU akusto-elektrischer Effekt
DSY akustoelektrischer Effekt

acoustoelectric transducers
BT acoustic transducers
acoustoelectric devices
NT earphones
headphones
hydrophones
loudspeakers
microphones
SY *electroacoustic transducers*
PT electroacoustic transducers
RT surface acoustic wave transducers
telephone sets
DEU akusto-elektrischer Übertrager
DSY akusto-elektrischer Wandler
akustoelektrischer Übertrager
akustoelektrischer Wandler
elektro-akustischer Übertrager
elektro-akustischer Wandler
elektroakustischer Übertrager
elektroakustischer Wandler

acoustoluminescence
USE sonoluminescence

acoustomagnetic effects
USE magnetoacoustic effects

acoustooptics
USE acousto-optical devices
+ acousto-optical effects
DEU Akustooptik

ACT computers
BT digital computers
SY *Apricot computers*
Sirius computers
Victor computers
PT microcomputers
RT microcomputers
DEU ACT-Computer

ACT devices
USE acoustic charge transport devices

ACT-Computer
DEU for ACT computers

actinide alloys
BT alloys
NT neptunium alloys
plutonium alloys
thorium alloys
uranium alloys
PT actinide compounds
RT actinide compounds
actinides
DEU Aktiniumlegierung

actinide burning
USE radioactive waste disposal
+ radioactive waste processing

actinide compounds
BT inorganic compounds
NT actinium compounds
americium compounds
berkelium compounds
californium compounds
curium compounds
einsteinium compounds
fermium compounds
lawrencium compounds
mendelevium compounds
neptunium compounds
nobelium compounds
plutonium compounds
protactinium compounds
thorium compounds
uranium compounds

SY *actinide metal compounds*
RT actinide alloys
actinides
DEU Aktinideverbindung

actinide metal compounds
USE actinide compounds

actinide metals
USE actinides
DEU Aktinoide

actinide transmutation
USE radioactive waste disposal
\+ radioactive waste processing

actinides
BT metals
NT actinium
americium
berkelium
californium
curium
einsteinium
fermium
lawrencium
mendelevium
neptunium
nobelium
plutonium
protactinium
thorium
uranium
SY *actinide metals*
RT actinide alloys
actinide compounds
DEU Aktinide

actinium
BT actinides
SY *Ac (chemical element)*
RT actinium compounds
DEU Actinium

actinium compounds
BT actinide compounds
RT actinium
DEU Aktiniumverbindung

Actinium
DEU for actinium

actinometers
USE radiometers

actinometry
USE radiometry

activated carbon
BT carbon
PT carbon
RT adsorption
charcoal
porous materials
powders
DEU Aktivkohle

activated sludge process
USE sludge treatment

activation analysis
USE nuclear chemical analysis

activation analysis (neutron)
USE neutron activation analysis

activation functions
USE transfer functions

active antenna arrays
BT active antennas
antenna arrays
PT active antennas
antenna arrays
DEU aktive Gruppenantenne
DSY aktives Antennen-Array
aktives Antennenfeld

active antennas
BT antennas
NT active antenna arrays
PT antennas
DEU aktive Antenne

active circuits
USE active networks

active databases
BT database management systems
PT deductive databases
RT deductive databases
DEU aktive Datenbank

active disturbance rejection control
BT robust control
RT adaptive control
observers
uncertain systems
DEU aktive Verwerfungsstörungskontrolle

active filters
BT active networks
filters
NT biquadratic filters
continuous time filters
RT elliptic filters
ladder filters
negative resistance circuits
power filters
programmable filters
RC circuits
sampled data filters
switched capacitor filters
DEU aktives Filter

active galactic nuclei
USE active galaxies
\+ galactic nuclei

active galaxies
BT galaxies
NT BL Lac-type objects
radiogalaxies
Seyfert galaxies
UF *active galactic nuclei / active galaxies + galactic nuclei*
SY *Markarian galaxies*
starburst galaxies
PT galaxies
RT galactic nuclei
quasars
DEU aktive Galaxie

active networks
BT networks (circuits)
NT active filters
current conveyors
gyrators
impedance convertors
negative resistance circuits
SY *active circuits*
CCCS
CCVS
current-controlled current sources
current-controlled voltage sources
norators
nullators
nullors
VCCS
VCVS
voltage-controlled current sources
voltage-controlled voltage sources
RT demodulators
modulators
RC circuits
switched capacitor networks
switched current circuits
DEU aktives Netzwerk

active noise control
BT acoustic variables control
noise abatement
PT acoustic variables control
noise abatement
RT acoustic signal processing
prediction theory
vibration control
DEU aktive Lärmschutzregelung
DSY aktive Lärmschutzsteuerung

active optics
USE adaptive optics

active queue management
USE queueing theory
\+ telecommunication congestion control
\+ telecommunication network management

active transformers
USE impedance convertors

active vision
BT computer vision
PT computer vision
DEU aktives Sehen

activity (thermodynamics)
USE thermodynamic properties

activity based costing
BT costing
PT costing
RT cost accounting
DEU Prozesskostenrechnung

activity-oriented simulation
USE discrete event simulation

actuators
BT control equipment
NT electric actuators
electromagnetic actuators
electromechanical actuators
hydraulic actuators
intelligent actuators
magnetic actuators
pneumatic actuators
RT ball screws
electromagnets
explosive actuated equipment
networked control systems
servomechanisms
servomotors
starting
transducers

valves
DEU Aktuator

ad hoc networks
BT packet radio networks
NT mobile ad hoc networks
wireless mesh networks
PT mobile radio
packet radio networks
telecommunication network
routing
RT cooperative communication
data communication
delay tolerant networks
mobile computing
mobile radio
multicast communication
protocols
telecommunication network
routing
wireless LAN
wireless sensor networks
DEU Ad-Hoc-Netz
DSY Ad-Hoc-Netzwerk

Ad-hoc-Fahrzeugnetz
DEU for vehicular ad hoc networks

Ad-hoc-Fahrzeugnetzwerk
DUS für vehicular ad hoc networks

Ad-Hoc-Netz
DEU for ad hoc networks

Ad-Hoc-Netzwerk
DUS für ad hoc networks

Ada
BT high level languages
UF *Ada 9X / Ada + object-oriented languages*
PT procedure oriented languages
RT Ada listings
Pascal
DEU Ada (Programmiersprache)

Ada (Programmiersprache)
DEU for Ada

Ada 9X
USE Ada
\+ object-oriented languages

Ada listings
BT complete computer programs
PT complete computer programs
RT Ada
DEU Ada-Programm

Ada-Programm
DEU for Ada listings

AdaBoost
USE learning (artificial intelligence)

adaptive Ablauf- und Zeitplanung
DEU for adaptive scheduling

adaptive antenna arrays
BT antenna arrays
SY *smart antennas*
PT antenna phased arrays
RT adaptive radar
adaptive systems
antenna phased arrays
space-time adaptive processing
DEU adaptive Antennenanordnung

adaptive Antennenanordnung
DEU for adaptive antenna arrays

adaptive arithmetic codes
USE adaptive codes
\+ arithmetic codes

adaptive beamforming
USE array signal processing

Adaptive Boosting
USE learning (artificial intelligence)

adaptive codes
BT codes
UF *adaptive arithmetic codes / adaptive codes + arithmetic codes*
UF *adaptive transform coding / adaptive codes + transform coding*
PT codes
encoding (general)
RT adaptive decoding
adaptive estimation
adaptive filters
adaptive modulation
image coding
speech coding
variable length codes
variable rate codes
DEU adaptiver Code

adaptive control
BT control theory
NT model reference adaptive control systems
UF *self-tuning control / adaptive control + self-adjusting systems*
RT active disturbance rejection control
adaptive systems

artificial intelligence
biocybernetics
cascade systems
cognitive systems
compensation
fuzzy control
intelligent control
learning systems
robust control
self-adjusting systems
DEU Adaptivregelung

adaptive decoding
BT decoding
PT decoding
RT adaptive codes
adaptive estimation
maximum likelihood decoding
DEU adaptive Dekodierung

adaptive Dekodierung
DEU for adaptive decoding

adaptive delta modulation
USE adaptive modulation
\+ delta modulation

adaptive differential pulse code modulation
USE adaptive modulation
\+ differential pulse code modulation

adaptive equalisers
BT equalisers
SY *adaptive equalizers*
PT equalisers
RT adaptive filters
blind equalisers
decision feedback equalisers
DEU adaptiver Äqualizer

adaptive equalizers
USE adaptive equalisers

adaptive estimation
BT estimation theory
PT estimation theory
parameter estimation
RT adaptive codes
adaptive decoding
adaptive filters
adaptive signal detection
adaptive signal processing
adaptive systems
parameter estimation
DEU adaptive Schätzung

adaptive filters
BT adaptive systems
filters
NT adaptive Kalman filters
PT adaptive systems
digital filters
filtering and prediction theory
filters
RT adaptive codes
adaptive equalisers
adaptive estimation
adaptive signal detection
adaptive signal processing
array signal processing
blind equalisers
decision feedback equalisers
digital filters
filtering theory
FIR filters
IIR filters
Kalman filters
lattice filters
nonlinear filters
time-varying filters
tracking filters
transversal filters
Wiener filters
DEU Adaptivfilter

adaptive Kalman filters
BT adaptive filters
Kalman filters
PT adaptive filters
Kalman filters
RT adaptive signal processing
filtering theory
DEU adaptives Kalman-Filter

adaptive modulation
BT modulation
UF *adaptive delta modulation / adaptive modulation + delta modulation*
UF *adaptive differential pulse code modulation / adaptive modulation + differential pulse code modulation*
UF *ADPCM / adaptive modulation + differential pulse code modulation*
PT modulation
RT adaptive codes
demodulation
DEU adaptives Modulationsverfahren

adaptive optics
BT optics
SY *active optics*
wavefront compensation

PT adaptive systems
optical systems
RT adaptive systems
artificial guide stars
high-speed optical techniques
optical phase conjugation
wavefront sensors
DEU adaptive Optik

adaptive Optik
DEU for adaptive optics

adaptive radar
BT radar
RT adaptive antenna arrays
adaptive systems
phased array radar
radar antennas
radar signal processing
space-time adaptive processing
DEU adaptives Radar

adaptive resonance theory
BT artificial intelligence
NT ART neural nets
PT neural nets
RT learning (artificial intelligence)
DEU adaptive Resonanztheorie

adaptive resonance theory neural networks
USE ART neural nets

adaptive Resonanztheorie
DEU for adaptive resonance theory

adaptive Schätzung
DEU for adaptive estimation

adaptive scheduling
BT scheduling
PT scheduling
RT adaptive systems
processor scheduling
production control
DEU adaptive Ablauf- und Zeitplanung
DSY adaptive Zeitplanung
adaptiver Ablaufalgorithmus
adaptiver Planungsalgorithmus
adaptiver Planungsmechanismus
adaptiver Zeitplan-Algorithmus
adaptives Scheduling
adaptives Scheduling-Verfahren
adaptives Terminwesen

adaptive signal detection
BT signal detection
PT signal detection
RT adaptive estimation
adaptive filters
adaptive signal processing
filtering theory
multiuser detection
DEU adaptive Signalerkennung

adaptive signal processing
BT signal processing
NT space-time adaptive processing
PT adaptive filters
array signal processing
image processing
signal processing
speech analysis and processing
RT adaptive estimation
adaptive filters
adaptive Kalman filters
adaptive signal detection
array signal processing
blind source separation
filtering theory
image processing
source separation
speech processing
DEU adaptive Signalverarbeitung

adaptive Signalerkennung
DEU for adaptive signal detection

adaptive Signalverarbeitung
DEU for adaptive signal processing

adaptive systems
NT adaptive filters
cognitive systems
learning systems
self-adjusting systems
RT adaptive antenna arrays
adaptive control
adaptive estimation
adaptive optics
adaptive radar
adaptive scheduling
artificial intelligence
artificial life
automata theory
control systems
cybernetics
DEU adaptives System

adaptive transform coding
USE adaptive codes
\+ transform coding

adaptive Zeitplanung
DUS für adaptive scheduling

adaptiver Ablaufalgorithmus
DUS für adaptive scheduling

adaptiver Äqualizer
DEU for adaptive equalisers

adaptiver Code
DEU for adaptive codes

adaptiver Planungsalgorithmus
DUS für adaptive scheduling

adaptiver Planungsmechanismus
DUS für adaptive scheduling

adaptiver Zeitplan-Algorithmus
DUS für adaptive scheduling

adaptives Kalman-Filter
DEU for adaptive Kalman filters

adaptives Modulationsverfahren
DEU for adaptive modulation

adaptives Radar
DEU for adaptive radar

adaptives Scheduling
DUS für adaptive scheduling

adaptives Scheduling-Verfahren
DUS für adaptive scheduling

adaptives System
DEU for adaptive systems

adaptives Terminwesen
DUS für adaptive scheduling

Adaptivfilter
DEU for adaptive filters

Adaptivregelung
DEU for adaptive control

add-on boards
BT computer peripheral equipment
printed circuits
NT memory expansion boards
SY *expansion boards*
plug-in boards
PT computer peripheral equipment
RT computer graphic equipment
coprocessors
memory cards
modems
random-access storage
satellite computers
DEU add-on-Geräteeinheit

add-on computers
USE coprocessors
\+ satellite computers

add-on-Geräteeinheit
DEU for add-on boards

Adder
DEU for adders

adders
BT digital circuits
SY *binary adders*
RT carry logic
counting circuits
digital arithmetic
logic circuits
shift registers
summing circuits
DEU Adder
DSY Addierer
Addierglied
Addierschaltkreis
Addierschaltung

Addierer
DUS für adders

Addierglied
DUS für adders

Addierschaltkreis
DUS für adders

Addierschaltung
DUS für adders

adding machines
USE calculating apparatus

addition reactions
USE association (chemical)

additive manufacturing
USE rapid prototyping (industrial)
\+ three-dimensional printing

additive white Gaussian noise
USE AWGN (additive white Gaussian noise)

additive white Gaussian noise channels
USE AWGN channels

additives
BT materials
NT alloying additions
food additives
plasticisers
UF *fuel additives / additives + fuel*
RT production materials
DEU Zusatzstoff

additives weißes Gauß-Rauschen
DEU for AWGN (additive white Gaussian noise)

additives weißes Gauß-Rauschen (AWGN)
DUS für AWGN (additive white Gaussian noise)

additives weißes Gaußsches-Rauschen
DUS für AWGN (additive white Gaussian noise)

additives weißes Gaußsches-Rauschen (AWGN)
DUS für AWGN (additive white Gaussian noise)

Ader (Anatomie)
DEU for blood vessels

Adhäsion
DEU for adhesion

adherence
USE adhesion

adhesion
SY *adherence*
peel strength
tackiness
RT adhesive bonding
adhesives
composite material interfaces
curing
joining processes
silicones
stiction
surface phenomena
wetting
DEU Adhäsion
DSY Haftung (Klebstoff)
Haftungsvermögen
Haftvermögen

adhesive bonding
BT bonding processes
SY *bonds (adhesive)*
PT adhesion
adhesives
RT adhesion
adhesives
conductive adhesives
seals (stoppers)
ultrasonic bonding
wafer bonding
DEU Klebebonden

adhesives
BT joining materials
NT conductive adhesives
SY *glues*
PT adhesion
RT adhesion
adhesive bonding
applicators
assembling
conducting polymers
fasteners
packaging
polymers
printed circuit manufacture
DEU Kleber
DSY Klebstoff
Leim

adiabatic compression, plasma
USE plasma heating

adiabatic demagnetisation
USE magnetic cooling

adiabatischer Druck
DUS für pressure

adjacent channel interference
BT interference (signal)
radiofrequency interference
SY *interchannel interference*
PT interference (signal)
radiofrequency interference
RT fading
interference suppression
mobile radio
telecommunication channels
DEU Nachbarkanal-Interferenz
DSY Nebenkanalinterferenz

adjustable speed drives
USE variable speed drives

adlayers
USE adsorbed layers
\+ chemisorbed layers

administrative data processing
BT computer applications
NT business data processing
distributive data processing
educational administrative data processing
financial data processing
government data processing
knowledge management
law administration
logistics data processing
manufacturing data processing
marketing data processing
medical administrative data processing
office automation
public administration
reservation computer systems
service industries
spreadsheet programs
word processing
SY *ADP*
data processing (administrative)
RT commerce
electronic mail
integrated software
management
management science
teleconferencing
DEU Verwaltungsdatenverarbeitung

admittance
USE electric admittance

admittance measurement
USE electric admittance measurement

ADP
USE administrative data processing

ADP (ammonium dihydrogen phosphate)
USE ammonium compounds

ADPCM
USE adaptive modulation
\+ differential pulse code modulation

ADSL
USE digital subscriber lines

adsorbates
USE adsorbed layers

adsorbed layers
UF *adlayers / adsorbed layers + chemisorbed layers*
SY *adsorbates*
RT adsorption
chemisorbed layers
films
island structure
Langmuir-Blodgett films
liquid films
monolayers
self-assembly
surface enhanced Raman scattering
surface phase transformations
surface phenomena
DEU Adsorptionsschicht

adsorption
BT sorption
UF *physisorption / adsorption + sorption*
RT activated carbon
adsorbed layers
getters
heat of adsorption
interface phenomena
molecular sieves
surface phenomena
surfactants
wetting
zeolites
DEU Adsorption

Adsorptionsschicht
DEU for adsorbed layers

Adsorptionswärme
DEU for heat of adsorption

Adsorption
DEU for adsorption

advertising
BT marketing
NT advertising data processing
PT marketing
RT promotion (marketing)
DEU Anzeige
DSY Reklame
Werbung

advertising data processing
BT advertising
marketing data processing
PT administrative data processing
DEU Werbungsdatenverarbeitung

Änderungsmanagement
DEU for management of change

Äquivalenzklasse
DEU for equivalence classes

aerial cableway systems
USE aerial equipment
\+ cableway systems

aerial equipment
BT materials handling equipment
UF *aerial cableway systems / aerial equipment + cableway systems*
RT lifting equipment
pulleys
DEU Arbeitsbühne

aerials
USE antennas

aeroacoustics
BT acoustics
SY *flow acoustics*
PT aerodynamics
atmospheric acoustics
RT aerodynamics
atmospheric acoustics
DEU Aeroakustik

Aeroakustik
DEU for aeroacoustics

aerodromes
USE airports (structures)

aerodynamics
BT fluid dynamics
SY *aerofoils*
UF *air brakes / aerodynamics + brakes + compressed air systems + pneumatic systems*
UF *airfoils / aerodynamics + aerospace components + automotive components*
UF *gas dynamics / aerodynamics + flow*
RT aeroacoustics
aircraft
compressible flow
drag
entry, descent and landing (spacecraft)
flow
gases
hydrodynamics
hypersonic flow
jets
parachutes
shock waves
subsonic flow
supersonic flow
transonic flow
turbulence
wind tunnels
DEU Aerodynamik

Aerodynamik
DEU for aerodynamics
aerodynamics

aeroelasticity
USE elasticity

aerofoils
USE aerodynamics

Aerogel
DEU for aerogels

aerogels
BT disperse systems
porous materials
SY *xerogels*
PT disperse systems
gels
porous materials
RT gels
sol-gel processing
DEU Aerogel

aeronomy
USE upper atmosphere

aeroplanes
USE aircraft

Aerosils
USE aerosols

Aerosol
DEU for aerosols

aerosols
BT disperse systems
SY *Aerosils*
atmospheric aerosols
RT dust
sedimentation
sprays
DEU Aerosol

aerospace
NT aerospace computing
RT aerospace control
aerospace engineering
aerospace industry
aerospace instrumentation
aerospace propulsion

aerospace safety
aerospace simulation
aerospace test facilities
aerospace testing
aircraft
ground support systems
helicopters
space research
space vehicles
DEU Luft- und Raumfahrt

aerospace accidents
BT accidents
NT air accidents
PT accidents
RT aerospace safety
space debris
space vehicles
DEU Flugzeugunfall
DSY Luftfahrtunfall

aerospace biophysics
BT biophysics
RT biological effects of gravity
biological effects of radiation
high gravity effects
space research
zero gravity experiments
DEU Luftfahrtbiophysik
DSY Luftraumbiophysik

aerospace components
BT manufactured products
UF *airfoils / aerodynamics +*
aerospace components +
automotive components
SY *airframes*
fuselages
wings (aeronautical)
PT aerospace engineering
RT aerospace engineering
aerospace engines
aerospace instrumentation
aerospace materials
aircraft
aircraft manufacture
armour
brakes
deployable structures
inflatable structures
parachutes
propellers
space tethers
space vehicles
DEU Luft- und Raumfahrt-Komponenten
DSY Luftfahrzeugkomponente
Raumfahrzeugkomponente

aerospace computer control
USE aerospace control

aerospace computing
BT aerospace
engineering computing
NT aerospace expert systems
aircraft computers
spacecraft computers
PT aerospace applications of computers
RT aerospace control
aerospace simulation
computational fluid dynamics
safety-critical software
transport control
DEU Computeranwendung in der Luft- und Raumfahrt
DSY Luft- und Raumfahrt-Computeranwendung
Luft- und Raumfahrt-Rechneranwendung
Rechneranwendung in der Luft- und Raumfahrt

aerospace control
BT transport control
NT air traffic control
aircraft control
attitude control
missile control
trajectory optimisation (aerospace)
SY *aerospace computer control*
flight control
RT aerospace
aerospace computing
aerospace expert systems
aerospace instrumentation
aerospace robotics
aerospace simulation
aircraft
attitude measurement
autonomous aerial vehicles
entry, descent and landing (spacecraft)
flexible structures
helicopters
space vehicle electronics
star trackers
trajectory control
DEU Luft- und Raumfahrt-Kontrolle
DSY Luft- und Raumfahrt-Regelung
Luft- und Raumfahrt-Steuerung

aerospace engineering
BT engineering
UF *air bags / aerospace engineering + automotive components +*

explosive actuated equipment +
inflatable structures + road safety
RT aerospace
aerospace components
aerospace industry
entry, descent and landing (spacecraft)
DEU Raumfahrttechnik

aerospace engines
BT engines
NT jet engines
rocket engines
PT aerospace propulsion
RT aerospace components
aerospace propulsion
compound engines
gas turbines
ion engines
propellants
DEU Luft- und Raumfahrt-Motor

aerospace expert systems
BT aerospace computing
expert systems
PT aerospace computing
expert systems
RT aerospace control
intelligent control
DEU Luft- und Raumfahrt-Expertensystem

aerospace ground equipment
USE ground support equipment

aerospace industry
BT manufacturing industries
PT aerospace
industries
RT aerospace
aerospace engineering
aerospace materials
aircraft
aircraft manufacture
DEU Luft- und Raumfahrt-Industrie

aerospace instrumentation
BT instrumentation
NT airborne radar
aircraft instrumentation
space vehicle electronics
RT aerospace
aerospace components
aerospace control
aircraft
altimeters
balloons
entry, descent and landing (spacecraft)
helicopters
instrument landing systems
Langmuir probes
microwave landing systems
radio direction-finding
space vehicles
star trackers
DEU Luft- und Raumfahrt-Instrumentation

aerospace materials
BT production materials
SY *aircraft materials*
spacecraft materials
UF *windscreens / aerospace materials + automotive components + optical windows + windows (construction)*
UF *windshields / aerospace materials + automotive components + optical windows + windows (construction)*
RT aerospace components
aerospace industry
aircraft manufacture
lightweight structures
propellants
space vehicles
DEU Luft- und Raumfahrt-Material
DSY Luft- und Raumfahrt-Werkstoff

aerospace propulsion
BT propulsion
RT aerospace
aerospace engines
electric propulsion
entry, descent and landing (spacecraft)
fuel
heat engines
ion engines
propellants
propellers
railguns
rocket engines
rockets
DEU Luft- und Raumfahrt-Antrieb

aerospace robotics
BT robots
NT autonomous aerial vehicles
SY *flying robots*
space robots
PT aerospace control
robots
RT aerospace control
manipulators

mobile robots
planetary rovers
telerobotics
DEU Luft- und Raumfahrt-Robotik

aerospace safety
BT safety
NT air safety
PT safety
RT aerospace
aerospace accidents
space debris
space vehicles
DEU Raumfahrtsicherheit

aerospace simulation
BT simulation
SY *flight simulation*
RT aerospace
aerospace computing
aerospace control
aerospace test facilities
aerospace testing
computational fluid dynamics
wind tunnels
DEU Luft- und Raumfahrt-Simulation

aerospace test facilities
BT test facilities
NT wind tunnels
RT aerospace
aerospace simulation
aerospace testing
testing
DEU Luftfahrttestanlage
DSY Luftfahrttesteinrichtung
Raumfahrttestanlage
Raumfahrttesteinrichtung

aerospace testing
BT testing
NT aircraft testing
PT aerospace test facilities
RT aerospace
aerospace simulation
aerospace test facilities
entry, descent and landing (spacecraft)
DEU Luft- und Raumfahrt-Test

AES
USE Auger electron spectra
\+ Auger electron spectroscopy

Ätzen
DEU for etching

AF amplifiers
USE audio-frequency amplifiers

AF oscillators
USE audio-frequency oscillators

AFC
USE automatic frequency control

affine Transformation
DEU for affine transforms

affine transforms
BT transforms
PT transforms
RT computational geometry
computer vision
data compression
feature extraction
image processing
inverse transforms
DEU affine Transformation

AFM
USE atomic force microscopy

AFMR
USE antiferromagnetic resonance

afterburners
USE fuel systems
\+ incineration
\+ jet engines

afterglows
PT discharges (electric)
glow discharges
RT discharges (electric)
light scattering
luminescence
phosphorescence
DEU Nachglimmen
DSY Nachglühen
Nachleuchten
Phosphoreszenz

afterglows (astronomical)
USE gamma-ray bursts

Ag (chemical element)
USE silver
DEU Ag (chemisches Element)

Ag (chemisches Element)
DEU for Ag (chemical element)

AGB stars
USE giant stars

AGC
USE automatic gain control

age (Earth)
USE geochronology

age determination, radioactive
USE radioactive dating

age hardening
USE precipitation hardening

age issues
BT socio-economic effects
SY *ageism*
RT assisted living
computer literacy
cultural aspects
Digital Divide
employment law
geriatrics
human factors
prejudicial factors
termination of employment
DEU Altersausgabe
DSY Altersspezifik

ageing
NT strain ageing
SY *aging*
RT alloys
environmental degradation
heat treatment
metallurgy
phase transformations
precipitation
precipitation hardening
DEU Alterung

ageism
USE age issues

agent-oriented programming
USE object-oriented programming
\+ software agents

Aggregate (Material)
DEU for aggregates (materials)

aggregate planning
BT production planning
PT planning
production control
RT capacity planning (manufacturing)
DEU Maschinenplanung
DSY Mengenplanung

aggregates (materials)
BT composite materials
UF *stone (material) / aggregates (materials) + building materials + rocks*
PT aggregation
composite materials
RT aggregation
building materials
nanostructured materials
DEU Aggregate (Material)

Aggregation (Chemie)
DEU for aggregation

Aggregation (Informatik)
DUS für aggregation

Aggregation (OLAP)
DUS für aggregation

Aggregation (Wirtschaft)
DUS für aggregation

aggregation
NT coagulation
flocculation
SY *diffusion-limited aggregation*
PT diffusion
lattice theory and statistics
RT aggregates (materials)
diffusion
fractals
lattice gas
lattice theory
percolation
Potts model
random processes
Toda lattice
DEU Aggregation (Chemie)
DSY Aggregation (Informatik)
Aggregation (OLAP)
Aggregation (Wirtschaft)

aggregatzustandsändernder Werkstoff
DEU for phase change materials

aggregatzustandsänderndes Material
DUS für phase change materials

agile Fertigung
DEU for agile manufacturing

agile manufacturing
BT manufacturing systems
RT computer integrated manufacturing
flexible manufacturing systems

DEU agile Fertigung
DSY schnelle Fertigung

agile software development
USE software prototyping

aging
USE ageing

agomeric shift
USE spectral line shift

Agrarerzeugnis
DEU for agricultural products

Agrargut
DUS für agricultural products

Agrarmaschine
DEU for agricultural machinery

agricultural chemicals
USE agrochemicals

agricultural engineering
BT engineering
PT agriculture
RT agricultural machinery
agriculture
DEU Landtechnik

agricultural machinery
BT machinery
SY *combine harvesters*
tractors
PT agriculture
farming
RT agricultural engineering
agricultural safety
agriculture
applicators
blades
cyclone separators
farming
lawnmowers
off-road vehicles
tracked vehicles
DEU Agrarmaschine
DSY Landmaschine

agricultural pollution
BT pollution
RT agriculture
fertilisers
slurries
soil pollution
water pollution
DEU landwirtschaftliche Verschmutzung
DSY landwirtschaftliche Verunreinigung
Verschmutzung durch Landwirtschaft
Versunreinigung durch Landwirtschaft

agricultural products
NT cotton
crops
dairy products
sugar
wool
UF *fruit / agricultural products + food products*
SY *grain (agricultural)*
UF *vegetables / agricultural products + food products*
RT agriculture
biofuel
food products
gardening
horticulture
manufactured products
DEU Agrarerzeugnis
DSY Agrargut
landwirtschaftliches Erzeugnis
landwirtschaftliches Produkt

agricultural safety
BT safety
PT safety
RT agricultural machinery
agriculture
DEU landwirtschaftliche Sicherheit
DSY Landwirtschaftssicherheit

agriculture
BT farming
NT forestry
irrigation
RT agricultural engineering
agricultural machinery
agricultural pollution
agricultural products
agricultural safety
agrochemicals
aquaculture
dairying
electric fences
fertilisers
genetic engineering
greenhouses
horticulture
hyperspectral imaging
land use
natural resources
organic farming

pest control
plant diseases
soil
vegetation mapping

agrochemicals
BT chemical products
NT fertilisers
SY *agricultural chemicals*
UF *fungicides / agrochemicals + chemical products*
UF *herbicides / agrochemicals + chemical products*
UF *pesticides / agrochemicals + chemical products + pest control*
PT agriculture
chemical industry
RT agriculture
chemical industry
plant diseases
DEU Agrochemikalie
DSY Landwirtschaftschemikalie

Agrochemikalie
DEU for agrochemicals

AGV
USE automatic guided vehicles

Aharonov-Böhm-Effect
DEU for Aharonov-Bohm effect

Aharonov-Bohm effect
BT quantum theory
PT quantum interference phenomena
quantum theory
RT Bell theorem
EPR paradox
mesoscopic systems
persistent currents
quantum interference phenomena
DEU Aharonov-Böhm-Effect

AHP
USE analytic hierarchy process

AI Vel stars
USE variable stars

aids for the handicapped
USE handicapped aids

air
BT terrestrial atmosphere
RT air blast circuit breakers
air conditioning
air insulation
air pollution
atmospheric composition
compressors
pneumatic control equipment
DEU Luft

air accidents
BT aerospace accidents
PT accidents
RT air safety
air traffic control
DEU Luftfahrtunfall

air bags
USE aerospace engineering
\+ automotive components
\+ explosive actuated equipment
\+ inflatable structures
\+ road safety

air bases
USE airports (structures)

air blast circuit breakers
BT gas blast circuit breakers
RT air
air insulation
DEU Luftstoß-Leistungsschalter

air brakes
USE aerodynamics
\+ brakes
\+ compressed air systems
\+ pneumatic systems

air bubbles
USE bubbles

air cleaners
BT machine components
SY *air filters*
air purifiers
RT air pollution
cleaning
filtration
purification
scrubbers (materials handling)
DEU Luftfilter

air compressors
USE compressors

air conditioning
BT space cooling
NT HVAC
RT air
building management systems
building services
building simulation

compressors
domestic appliances
ducts
environmental engineering
environmental testing
fans
Fotovoltaikbuilding
heat pumps
humidity
humidity control
indoor environment
power utilisation
temperature
total energy systems
ventilation
vents (mechanical components)
DEU Klimatisierung

air filters
USE air cleaners

air gaps
BT air insulation
spark gaps
PT spark gaps
DEU Luftspalt

air insulation
BT gaseous insulation
NT air gaps
PT gaseous insulation
RT air
air blast circuit breakers
DEU Luftisolation
DSY Luftisolierung

air pollution
BT pollution
NT air pollution control
air pollution measurement
SY *acid rain*
atmospheric pollution
UF *fallout / air pollution* + *atmospheric radioactivity* + *radioactive pollution*
UF *greenhouse effect / air pollution* + *atmospheric temperature* + *climatology*
SY *industrial atmospheres*
RT air
air cleaners
air quality
atmospheric composition
atmospheric radioactivity
dust
flue gases
fossil fuels
global warming
incineration
indoor environment
industrial pollution
insulator contamination
radioactive pollution
smoke
soot
thermal pollution
DEU Luftverschmutzung
DSY Luftverunreinigung

air pollution control
BT air pollution
pollution control
NT flue gas desulphurisation
UF *Kyoto protocol / air pollution control* + *climate mitigation* + *environmental legislation* + *government policies*
PT air pollution detection and control
RT air pollution measurement
atmospheric techniques
carbon capture and storage
climate mitigation
fuel desulphurisation
scrubbers (materials handling)
DEU Luftverschmutzungskontrolle
DSY Luftverunreinigungskontrolle
Lufverschmutzungstüberwachung

air pollution measurement
BT air pollution
pollution measurement
PT air pollution detection and control
RT air pollution control
atmospheric measuring apparatus
atmospheric techniques
gas sensors
natural radioactivity hazards
particle counting
particle size measurement
DEU Luftschadstoffmessung
DSY Luftverschmutzungsmessung
Luftverunreinigungsmessung
Messen der Luftschadstoffe
Messen der Luftverschmutzung
Messung der Luftschadstoffe
Messung der Luftverschmutzung

air pumps
USE compressors

air purifiers
USE air cleaners

air quality
RT air pollution
atmospheric composition
environmental monitoring

(geophysics)
indoor environment
DEU Luftbeschaffenheit
DSY Luftgüte
Luftqualität

air safety
BT aerospace safety
SY *flight safety*
PT safety
RT air accidents
de-icing
seats
DEU Flugsicherheit

air temperature
USE atmospheric temperature

air terminals
USE airports (structures)

air traffic
BT traffic
RT air traffic control
aircraft
helicopters
traffic recording
DEU Luftverkehr

air traffic computer control
USE air traffic control

air traffic control
BT aerospace control
traffic control
NT aircraft landing guidance
SY *air traffic computer control*
RT air accidents
air traffic
aircraft
aircraft communication
aircraft navigation
airports (structures)
helicopters
instrument landing systems
microwave landing systems
radar applications
radionavigation
surveillance
traffic recording
DEU Flugsicherung
DSY Luftverkehrssteuerung

airborne radar
BT aerospace instrumentation
radar
SY *side looking airborne radar*
SLAR
RT aircraft antennas
aircraft communication
military radar
remote sensing by radar
space-time adaptive processing
synthetic aperture radar
DEU Bordradar
DSY Flugradar

aircraft
BT vehicles
NT aircraft control
aircraft maintenance
aircraft testing
airships
helicopters
military aircraft
SY *aeroplanes*
airplanes
UF *hypersonic vehicles / aircraft* + *missiles*
RT aerodynamics
aerospace
aerospace components
aerospace control
aerospace industry
aerospace instrumentation
air traffic
air traffic control
aircraft antennas
aircraft communication
aircraft manufacture
aircraft navigation
aircraft power systems
balloons
de-icing
ground support systems
high altitude stratospheric platforms
hovercraft
jet engines
missiles
rockets
transportation
DEU Flugzeug
DSY Luftfahrzeug

aircraft antennas
BT mobile antennas
UF *helicopter antennas / aircraft antennas* + *helicopters*
PT aircraft communication
mobile antennas
RT airborne radar
aircraft
aircraft communication
conformal antennas
radar antennas

DEU Flugzeugantenne

aircraft communication
BT mobile communication
UF *helicopter communication / aircraft communication + helicopters*
RT air traffic control
airborne radar
aircraft
aircraft antennas
ground support equipment
ground support systems
helicopters
navigation
on-board communications
radiotelephony
DEU Flugzeugkommunikation

aircraft computers
BT aerospace computing
avionics
special purpose computers
PT aerospace computing
aircraft instrumentation
special purpose computers
RT aircraft control
DEU Bordcomputer (Flugzeug)
DSY Flugzeugcomputer

aircraft control
BT aerospace control
aircraft
NT aircraft landing guidance
UF *helicopter control / aircraft control + helicopters*
PT aerospace control
aircraft
RT aircraft computers
aircraft instrumentation
attitude control
avionics
instrument landing systems
microwave landing systems
trajectory optimisation (aerospace)
DEU Flugzeugkontrolle
DSY Flugzeugsteuerung

aircraft displays
BT aircraft instrumentation
display instrumentation
SY *cockpit displays*
PT aircraft instrumentation
RT avionics
head-up displays
helmet mounted displays
military avionics
DEU Flugzeug-Display
DSY Flugzeugdisplay

aircraft electronics
USE avionics

aircraft instrumentation
BT aerospace instrumentation
NT aircraft displays
aircraft landing guidance
avionics
PT aerospace instrumentation
aircraft
RT aircraft control
aircraft navigation
instrument landing systems
microwave landing systems
night vision
radioaltimeters
DEU Fluginstrument
DSY Flugzeuggeräteausstattung
Flugzeuginstrument
Flugzeuginstrumentation
Flugzeuginstrumentenausstattung
Flugzeuginstrumentierung
Instrumente des Flugzeugs

aircraft landing guidance
BT air traffic control
aircraft control
aircraft instrumentation
aircraft navigation
NT instrument landing systems
microwave landing systems
PT aircraft control
instrument landing systems
microwave landing systems
DEU Flugzeug-Landeführung
DSY Flugzeuglande-Führung
Flugzeuglandeführung

aircraft maintenance
BT aircraft
maintenance engineering
PT aircraft
maintenance engineering
RT aircraft testing
DEU Flugzeugwartung

aircraft manufacture
BT manufacture
PT aerospace industry
aircraft
RT aerospace components
aerospace industry
aerospace materials
aircraft
DEU Flugzeugbau
DSY Luftfahrzeugbau

aircraft materials
USE aerospace materials

aircraft navigation
BT navigation
NT aircraft landing guidance
PT aircraft instrumentation
inertial navigation
radionavigation
RT air traffic control
aircraft
aircraft instrumentation
avionics
inertial navigation
radionavigation
satellite navigation
DEU Flugzeugnavigation
DSY Luftfahrtnavigation

aircraft power systems
BT power systems
RT aircraft
mobile power plants
power supplies to apparatus
space vehicle power plants
DEU Flugzeugenergiesystem
DSY Flugzeugstromsystem

aircraft testing
BT aerospace testing
aircraft
UF *helicopter testing / aircraft testing + helicopters*
PT aerospace testing
aircraft
RT aircraft maintenance
wind tunnels
DEU Flugzeugprüfung
DSY Flugzeugtest

airfields
USE airports (structures)

airfoils
USE aerodynamics
\+ aerospace components
\+ automotive components
DEU Tragfläche (Aerodynamik)

airframes
USE aerospace components

airglow
BT atmospheric radiation
NT nightglow
SY *dayglow*
UF *geocorona / airglow + exosphere*
RT aurora
sky brightness
DEU Himmelsleuchten

airlines
USE travel industry

airmail
USE postal services

airplanes
USE aircraft

airports (structures)
BT civil engineering
SY *aerodromes*
air bases
air terminals
airfields
heliports
UF *runways (airports) / airports (structures) + roads*
RT air traffic control
explosive detection
instrument landing systems
microwave landing systems
sea ports
DEU Flugfeld
DSY Flughafen
Flugplatz
Verkehrsflughafen

airships
BT aircraft
SY *blimps*
PT aircraft
RT balloons
inflatable structures
DEU Luftschiff

AIX
USE Unix

akademische Bibliothek
DUS für academic libraries

Akkreditierung
DEU for accreditation

Aktenmanagement
DEU for records management

Aktienkurs
DEU for share prices

Aktinide
DEU for actinides

Aktinideverbindung
DEU for actinide compounds

Aktinidverbindung
DEU for actinide compounds

Aktiniumlegierung
DEU for actinide alloys

Aktiniumverbindung
DEU for actinium compounds

Aktinoide
DEU for actinide metals

aktive Antenne
DEU for active antennas

aktive Datenbank
DEU for active databases

aktive Galaxie
DEU for active galaxies

aktive Gruppenantenne
DEU for active antenna arrays

aktive Lärmschutzregelung
DEU for active noise control

aktive Lärmschutzsteuerung
DUS für active noise control

aktive Verwerfungsstörungskontrolle
DEU for active disturbance rejection control

aktives Antennen-Array
DUS für active antenna arrays

aktives Antennenfeld
DUS für active antenna arrays

aktives Filter
DEU for active filters

aktives Netzwerk
DEU for active networks

aktives Sehen
DEU for active vision

Aktivkohle
DEU for activated carbon

Aktuator
DEU for actuators

Akustik
DEU for acoustics

Akustikanwendung
DUS für acoustic applications

Akustikemissionsprüfung
DUS für acoustic emission testing

Akustikfilter
DEU for acoustic filters

Akustikgenerator
DEU for acoustic generators

Akustikgerät
DEU for acoustic devices

Akustikkoppler
DEU for acoustic couplers

Akustikkorrelation
DUS für acoustic correlation

Akustiklabor
DEU for acoustic laboratories

Akustiklaboratorium
DUS für acoustic laboratories

Akustiklaboratorium
DEU for acoustical laboratories

Akustikmagnetresonanz
DEU for acoustic magnetic resonance

Akustikmetawerkstoff
DEU for acoustic metamaterials

Akustikmikrowellengerät
DEU for acoustic microwave devices

Akustikoberflächenwellenverzögerungsl eitung
DEU for surface acoustic wave delay lines

Akustikstreuung
DEU for acoustic dispersion

Akustikwelleneffekt
DEU for acoustic wave effects

Akustikwelleninterferometer
DEU for acoustic wave interferometers

Akustikwelleninterferometrie
DEU for acoustic wave interferometry

Akustikwellenleiter
DEU for acoustic waveguides

Akustikwerkstoff
DEU for acoustic materials

akustisch angeregtes Potential
DEU for auditory evoked potentials

akustisch angeregtes Potenzial
DUS für auditory evoked potentials

akustisch evoziertes Potential
DUS für auditory evoked potentials

akustisch evoziertes Potenzial
DUS für auditory evoked potentials

akustische Analyse
DEU for acoustic analysis

akustische Anordnung
DEU for acoustic arrays

akustische Anwendung
DEU for acoustic applications

akustische Atomkernmagnetresonanz
DEU for acoustic nuclear magnetic resonance

akustische Ausrüstung
DEU for acoustic equipment

akustische Bauelement
DUS für acoustic devices

akustische Bildgebung
DEU for acoustic imaging

akustische Einrichtung
DUS für acoustic devices

akustische Faltung
DEU for acoustic convolution

akustische Fokussierung
DEU for acoustic focusing

akustische Holografie
DEU for acoustic holography

akustische Holographie
DUS für acoustic holography

akustische Impedanz
DEU for acoustic impedance

akustische Intensität
DEU for acoustic intensity

akustische Korrelation
DEU for acoustic correlation

akustische Ladungstransportschaltung
DEU for acoustic charge transport devices

akustische Leistung
DUS für acoustic intensity

akustische Messung
DEU for acoustic measurement

akustische Oberflächenwellenanordnung
DEU for surface acoustic wave devices

akustische paramagnetische Resonanz
DEU for acoustic paramagnetic resonance

akustische Resonanz
DEU for acoustic resonance

akustische Signaldetektion
DEU for acoustic signal detection

akustische Signalerkennung
DUS für acoustic signal detection

akustische Signalverarbeitung
DEU for acoustic signal processing

akustische Störung
DEU for acoustic distortion

akustische Streuung
DUS für acoustic dispersion

akustische Strömung
DEU for acoustic streaming

akustische Superradianz
DEU for acoustic superradiance

akustische Superstrahlung
DUS für acoustic superradiance

akustische Tomographie
DEU for acoustic tomography

akustische Verzerrung
DUS für acoustic distortion

akustische Verzögerungsleitung
DEU for acoustic delay lines

akustische Vorrichtung
DUS für acoustic equipment

akustische Wahrnehmung
DEU for auditory perception

akustische Wandleranordnung
DEU for acoustic transducer arrays

akustische Welle
DEU for acoustic waves

akustischen Oberflächenwellenoszillator
DEU for surface acoustic wave oscillators

akustischen Oberflächenwellenverzögerungsleitung
DUS für surface acoustic wave delay lines

akustischer Empfänger
DEU for acoustic receivers

akustischer Metawerkstoff
DUS für acoustic metamaterials

akustischer Oberflächenwellen-Resonator
DEU for surface acoustic wave resonators

akustischer Oberflächenwellenkoppler
DEU for surface acoustic wave couplers

akustischer Oberflächenwellenresonator
DUS für surface acoustic wave resonators

akustischer Oberflächenwellenresonatorfilter
DEU for surface acoustic wave resonator filters

akustischer Resonator
DEU for acoustic resonators

akustischer Resonatorfilter
DEU for acoustic resonator filters

akustischer Schallwandler
DUS für acoustic transducer arrays

akustischer Stoß
DEU for acoustic pulses

akustischer Wandler
DEU for acoustic transducers

akustischer Wellenleiter
DUS für acoustic waveguides

akustisches Abbildungsverfahren
DUS für acoustic imaging

akustisches Array
DUS für acoustic arrays

akustisches Filter
DUS für acoustic filters

akustisches Gerät
DUS für acoustic devices

akustisches Labor
DUS für acoustical laboratories

akustisches Laboratorium
DUS für acoustical laboratories

akustisches Ladungstransportbauelement
DUS für acoustic charge transport devices

akustisches Ladungstransportgerät
DUS für acoustic charge transport devices

akustisches Metamaterial
DUS für acoustic metamaterials

akustisches Mikroskop
DEU for acoustic microscopes

akustisches Mikrowellengerät
DUS für acoustic microwave devices

akustisches Oberflächenwellenfilter
DEU for surface acoustic wave filters

akustisches parametrisches Bauelement
DEU for acoustic parametric devices

akustisches parametrisches Gerät
DUS für acoustic parametric devices

akustisches Rauschen
DEU for acoustic noise

akusto-elektrischer Effekt
DEU for acoustoelectric effects

akusto-elektrischer Übertrager
DEU for acoustoelectric transducers

akusto-elektrischer Wandler
DUS für acoustoelectric transducers

akusto-elektrisches Bauelement
DEU for acoustoelectric devices

akusto-elektrisches Gerät
DUS für acoustoelectric devices

akusto-optische Ablenkeinheit
DEU for acousto-optical deflectors

akusto-optische Einrichtung
DEU for acousto-optical devices

akusto-optische Faltung
DEU for acousto-optical convolution

akusto-optische Korrelation
DEU for acousto-optical correlation

akusto-optische Modulation
DEU for acousto-optical modulation

akusto-optische Signalverarbeitung
DEU for acousto-optical signal processing

akusto-optische Vorrichtung
DUS für acousto-optical devices

akusto-optischer Deflektor
DUS für acousto-optical deflectors

akusto-optischer Effekt
DEU for acousto-optical effects

akusto-optischer Schalter
DEU for acousto-optical switches

akusto-optisches Filter
DEU for acousto-optical filters

akusto-optisches Gerät
DUS für acousto-optical devices

akustoelektrischer Effekt
DUS für acoustoelectric effects

akustoelektrischer Übertrager
DUS für acoustoelectric transducers

akustoelektrischer Wandler
DUS für acoustoelectric transducers

akustoelektrisches Bauelement
DUS für acoustoelectric devices

akustoelektrisches Gerät
DUS für acoustoelectric devices

Akustokoppler
DUS für acoustic couplers

Akustooptik
DEU for acoustooptics

akustooptische Ablenkeinheit
DUS für acousto-optical deflectors

akustooptische Einrichtung
DUS für acousto-optical devices

akustooptische Faltung
DUS für acousto-optical convolution

akustooptische Korrelation
DUS für acousto-optical correlation

akustooptische Modulation
DUS für acousto-optical modulation

akustooptische Signalverarbeitung
DUS für acousto-optical signal processing

akustooptische Vorrichtung
DUS für acousto-optical devices

akustooptischer Deflektor
DUS für acousto-optical deflectors

akustooptischer Effekt
DUS für acousto-optical effects

akustooptischer Schalter
DUS für acousto-optical switches

akustooptisches Filter
DUS für acousto-optical filters

akustooptisches Gerät
DUS für acousto-optical devices

Al (chemical element)
USE aluminium
DEU Al (chemisches Element)

Al (chemisches Element)
DEU for Al (chemical element)

Al2O3
USE alumina

Al2O3alpha
USE corundum

alarm systems
BT security
NT smoke detectors
SY *warning systems*
RT accidents
acoustic generators
bells
indicators
monitoring
protection
safety
safety devices
safety systems
sensors
signalling
telecontrol
DEU Alarmsystem
DSY Warnsystem

Alarmsystem
DEU for alarm systems

albedo
RT reflection
reflectivity
scattering
DEU Rückstrahlvermögen

alclad
USE aluminium alloys

ALE
USE atomic layer epitaxial growth

Alfven waves
USE magnetohydrodynamic waves
\+ solid-state plasma

Alfven waves (plasma)
USE plasma Alfven waves

algal biofuel
USE aquaculture
\+ biofuel
\+ microorganisms

algebra
BT mathematics
NT Banach spaces
Boolean algebra
differential algebraic equations
Galois fields
group theory
Hilbert spaces
Lie algebras
linear algebra
polynomials
process algebra
SY *Neumann algebra*
pair algebra
pentary algebra
RT algebraic codes
current algebra
mathematical morphology
symbol manipulation
DEU Algebra

algebraic codes
BT codes
NT algebraic geometric codes
PT codes
encoding (general)
error correction codes
RT algebra
cryptography
decoding
linear codes
DEU algebraischer Code

algebraic geometric codes
BT algebraic codes
geometric codes
PT codes
encoding (general)
error correction codes
RT block codes
decoding
linear codes
DEU algebraisch-geometrischer Code

algebraic manipulation
USE symbol manipulation

algebraic Riccati equations
USE Riccati equations

algebraic specification
BT formal specification
PT formal specification
DEU algebraische Spezifikation

algebraisch-geometrischer Code
DEU for algebraic geometric codes

algebraische Spezifikation
DEU for algebraic specification

algebraischen Differentialgleichung
DEU for differential algebraic equations

algebraischer Code
DEU for algebraic codes

Algebra
DEU for algebra

ALGOL
BT algorithmic languages
high level languages
RT ALGOL listings
DEU ALGOL (Programmiersprache)

ALGOL (Programmiersprache)
DEU for ALGOL

ALGOL listings
BT complete computer programs
PT complete computer programs
RT ALGOL
DEU ALGOL-Programm

Algol variables
USE eclipsing binary stars

ALGOL-Programm
DEU for ALGOL listings

algorithm correctness proving
USE program verification

algorithm termination
USE program verification

algorithm theory
BT computation theory
NT bisimulation equivalence
competitive algorithms
computability
computational complexity
deterministic algorithms
greedy algorithms
randomised algorithms
RT parallel algorithms
program verification
programming
programming theory
string matching
subroutines
DEU Algorithmentheorie

Algorithmentheorie
DEU for algorithm theory

algorithmic languages
BT formal languages
NT ALGOL
RT programming languages
DEU algorithmische Sprache

algorithmische Sprache
DEU for algorithmic languages

algorithms (computer listings)
USE subroutines

Algorithmus der maximalen Erwartung
DEU for expectation-maximisation
algorithm

Algorithmus des maximalen Erwartungswertes
DUS für expectation-maximisation
algorithm

Alias-Effekt
DEU for antialiasing

alkali metal alloys
BT alloys
NT caesium alloys
francium alloys
lithium alloys
potassium alloys
rubidium alloys
sodium alloys
PT alloys
RT alkali metal compounds
alkali metals
DEU Alkalimetalllegierung

alkali metal compounds
BT inorganic compounds
NT alkali metal halides
caesium compounds
francium compounds
lithium compounds
potassium compounds
rubidium compounds
sodium compounds
RT alkali metal alloys
alkali metals
DEU Alkalimetallverbindung

alkali metal halides
BT alkali metal compounds
halides
DEU Alkalihalogenide
DSY Alkalimetallhalogenide

alkali metal thermoelectric convertors
USE thermoelectric conversion
DEU Alkali-Metall-Thermoelektrowandler

alkali metals
BT metals
NT caesium
francium
lithium
potassium
rubidium
sodium
RT alkali metal alloys
alkali metal compounds
DEU Alkalimetall

Alkali-Metall-Thermoelektrowandler
DEU for alkali metal thermoelectric convertors

Alkalihalogenide
DEU for alkali metal halides

Alkalimetall
DEU for alkali metals

Alkalimetallhalogenide
DUS für alkali metal halides

Alkalimetalllegierung
DEU for alkali metal alloys

Alkalimetallverbindung
DEU for alkali metal compounds

alkaline earth alloys
BT alloys
NT barium alloys
beryllium alloys
calcium alloys
magnesium alloys
strontium alloys
PT alloys
RT alkaline earth metals
DEU Erdalkalilegierung

alkaline earth compounds
BT inorganic compounds
NT barium compounds
beryllium compounds
calcium compounds
magnesium compounds
radium compounds
strontium compounds
RT alkaline earth metals
DEU Erdalkaliverbindung

alkaline earth metals
BT metals
NT barium
beryllium
calcium
magnesium
radium
strontium
RT alkaline earth alloys
alkaline earth compounds
DEU Erdalkalimetall

alkaline fuel cells
BT fuel cells
PT fuel cells
RT electrolytes
fuel cell power plants
DEU alkalische Brennstoffzelle

alkalinity
USE pH value

alkalische Brennstoffzelle
DEU for alkaline fuel cells

all-pass filters
BT filters
PT filters
DEU Allpass

all-terrain vehicles
USE off-road vehicles

Alleinhandelsrecht
DEU for monopoly

allgegenwärtige Computeranwendung
DEU for ubiquitous computing

allgegenwärtige Computernutzung
DUS für ubiquitous computing

allgegenwärtige Rechneranwendung
DUS für ubiquitous computing

allgegenwärtige Rechnernutzung
DUS für ubiquitous computing

allgemeine Relativitätstheorie
DEU for general relativity

Allotropie
DEU for polymorphism

allotropism
USE polymorphism

alloy steel
BT steel
SY *Hadfield steel*
HSLA steel
killed steel
maraging steel
PT steel
RT tool steel
DEU legierter Stahl

alloying
NT alloying additions
mechanical alloying
surface alloying
RT alloys
materials preparation
DEU Legieren

alloying additions
BT additives
alloying
RT alloys
doping
surface alloying
DEU Legierungszusatz

alloys
NT actinide alloys
alkali metal alloys
alkaline earth alloys
aluminium alloys
antimony alloys
arsenic alloys
bismuth alloys
boron alloys
cadmium alloys
dilute alloys
eutectic alloys
gallium alloys
germanium alloys
indium alloys
lead alloys
liquid alloys
mercury alloys
phosphorus alloys
rare earth alloys
selenium alloys
silicon alloys
superalloys
tellurium alloys
thallium alloys
tin alloys
transition metal alloys
zinc alloys
SY *intermetallic compounds*
RT ageing
alloying
alloying additions
inorganic compounds
Ising model
metal theory
metallic glasses
metallurgy
metals
solid solutions
DEU Legierung

Allpass
DEU for all-pass filters

almanacs
USE astronomical ephemerides

alnico alloys
USE aluminium alloys
\+ cobalt alloys
\+ iron alloys
\+ nickel alloys

ALOHA
USE access protocols

alpha Aur stars
USE giant stars

alpha Cam stars
USE supergiant stars
\+ variable stars

alpha CVn stars
USE chemically peculiar stars
\+ magnetic stars
\+ variable stars

alpha Cyg stars
USE supergiant stars

alpha particle-nucleus reactions
BT nuclear reactions and scattering
SY *alpha reactions*
alpha-particle interactions
PT nuclear reactions and scattering
due to alpha-particles
DEU Alphapartikel-Atomkern-Reaktion
DSY Alphateilchen-Atomkern-Reaktion

alpha particle-nucleus scattering
BT nuclear reactions and scattering
SY *alpha-particle scattering*
PT nuclear reactions and scattering
due to alpha-particles
RT alpha-particle angular distribution
DEU Alphapartikel-Atomkern-Streuung
DSY Alphateilchen-Atomkern-Streuung

alpha reactions
USE alpha particle-nucleus reactions

alpha spectra
USE alpha-particle spectra

alpha spectroscopy
USE alpha-particle spectroscopy

alpha-Al2O3
USE corundum

alpha-decay
BT radioactivity
RT alpha-decay theory
alpha-particle spectra
alpha-particles
delayed alpha particles
radioactive decay periods
radioactive decay schemes
DEU Alpha-Zerfall

alpha-decay theory
BT nuclear decay theory
PT nuclear decay theory
RT alpha-decay
DEU Alpha-Zerfalltheorie

alpha-particle absorption
BT absorption
SY *alpha-particle attenuation*
RT alpha-particles
DEU Alpha-Partikel-Absorption
DSY Alpha-Teilchen-Absorption

alpha-particle angular distribution
RT alpha particle-nucleus scattering
alpha-particle spectra
alpha-particle spectroscopy
alpha-particles
DEU Alphapartikel-Winkelverteilung
DSY Alphapartikelwinkelverteilung
Alphateilchen-Winkelverteilung
Alphateilchenwinkelverteilung

alpha-particle attenuation
USE alpha-particle absorption

alpha-particle detection
BT radiation detection
PT alpha-particle detection and measurement
RT alpha-particle spectrometers
alpha-particles
explosive detection
radioactivity measurement
DEU Alpha-Partikel-Detektion
DSY Alpha-Teilchen-Detektion

alpha-particle effects
BT radiation effects
UF *biological effects of alpha-particles / alpha-particle effects + biological effects of ionising particles*
RT alpha-particles
biological effects of ionising particles
DEU Alpha-Partikel-Effekt
DSY Alpha-Partikel-Wirkung
Alpha-Teilchen-Effekt
Alpha-Teilchen-Wirkung

alpha-particle interactions
USE alpha particle-nucleus reactions

alpha-particle model
USE nuclear cluster model

alpha-particle scattering
USE alpha particle-nucleus scattering

alpha-particle sources
BT ion sources
PT ion sources
RT alpha-particles
ion beams
ion emission
DEU Alpha-Partikel-Quelle
DSY Alpha-Teilchen-Quelle

alpha-particle spectra
BT spectra (general)
SY *alpha spectra*
RT alpha-decay
alpha-particle angular distribution
alpha-particle spectrometers
alpha-particle spectroscopy
alpha-particles
nuclear decay theory
radioactivity
DEU Alpha-Partikel-Spektrum
DSY Alpha-Teilchen-Spektrum

alpha-particle spectrometers
BT particle spectrometers
RT alpha-particle detection
alpha-particle spectra
alpha-particle spectroscopy
alpha-particles
DEU Alpha-Partikel-Spektrometer
DSY Alpha-Teilchen-Spektrometer

alpha-particle spectroscopy
BT spectroscopy
SY *alpha spectroscopy*
PT alpha-particle spectra

RT alpha-particle angular distribution
alpha-particle spectra
alpha-particle spectrometers
alpha-particles
DEU Alpha-Partikel-Spektroskopie
DSY Alpha-Partikelspektroskopie
Alpha-Teilchen-Spektroskopie
Alpha-Teilchenspektroskopie

alpha-particles
BT bosons
composite particles
nuclei with mass number 1 to 5
NT delayed alpha particles
SY *alpha-radiation*
alpha-rays
RT alpha-decay
alpha-particle absorption
alpha-particle angular distribution
alpha-particle detection
alpha-particle effects
alpha-particle sources
alpha-particle spectra
alpha-particle spectrometers
alpha-particle spectroscopy
helium ions
radioactivity
DEU Alpha-Partikel
DSY Alpha-Teilchen

Alpha-Partikel
DEU for alpha-particles

Alpha-Partikel-Absorption
DEU for alpha-particle absorption

Alpha-Partikel-Detektion
DEU for alpha-particle detection

Alpha-Partikel-Effekt
DEU for alpha-particle effects

Alpha-Partikel-Quelle
DEU for alpha-particle sources

Alpha-Partikel-Spektrometer
DEU for alpha-particle spectrometers

Alpha-Partikel-Spektroskopie
DEU for alpha-particle spectroscopy

Alpha-Partikel-Spektrum
DEU for alpha-particle spectra

Alpha-Partikel-Wirkung
DUS für alpha-particle effects

Alpha-Partikelspektroskopie
DUS für alpha-particle spectroscopy

alpha-radiation
USE alpha-particles

alpha-rays
USE alpha-particles

alpha-rhythm
USE bioelectric potentials

alpha-rhythm measurement
USE electroencephalography

Alpha-Teilchen
DUS für alpha-particles

Alpha-Teilchen-Absorption
DUS für alpha-particle absorption

Alpha-Teilchen-Detektion
DUS für alpha-particle detection

Alpha-Teilchen-Effekt
DUS für alpha-particle effects

Alpha-Teilchen-Quelle
DUS für alpha-particle sources

Alpha-Teilchen-Spektrometer
DUS für alpha-particle spectrometers

Alpha-Teilchen-Spektroskopie
DUS für alpha-particle spectroscopy

Alpha-Teilchen-Spektrum
DUS für alpha-particle spectra

Alpha-Teilchen-Wirkung
DUS für alpha-particle effects

Alpha-Teilchenspektroskopie
DUS für alpha-particle spectroscopy

Alpha-Zerfall
DEU for alpha-decay

Alpha-Zerfalltheorie
DEU for alpha-decay theory

Alphapartikel-Atomkern-Reaktion
DEU for alpha particle-nucleus reactions

Alphapartikel-Atomkern-Streuung
DEU for alpha particle-nucleus scattering

Alphapartikel-Winkelverteilung
DEU for alpha-particle angular distribution

Alphapartikelwinkelverteilung
DUS für alpha-particle angular distribution

Alphateilchen-Atomkern-Reaktion
DUS für alpha particle-nucleus reactions

Alphateilchen-Atomkern-Streuung
DUS für alpha particle-nucleus scattering

Alphateilchen-Winkelverteilung
DUS für alpha-particle angular distribution

Alphateilchenwinkelverteilung
DUS für alpha-particle angular distribution

Alternativschaltkreis
DEU for decision circuits

Alternativschaltung
DUS für decision circuits

alternators
BT synchronous generators
UF *turboalternators / alternators + turbogenerators*
PT AC generators
DEU Lichtmaschine

Altersausgabe
DEU for age issues

Altersspezifik
DUS für age issues

Altertumsforschung
DEU for archaeology

Alterung
DEU for ageing

altimeters
BT meters
NT radioaltimeters
RT aerospace instrumentation
height measurement
surveying
DEU Höhenmesser

altimetry
USE height measurement

altitude measurement
USE height measurement

Altlastendeponiesanierung
DEU for contaminated site remediation

Altlastensanierung
DUS für contaminated site remediation

Altlastsanierung
DUS für contaminated site remediation

alumina
BT aluminium compounds
materials
NT corundum
SY *Al2O3*
UF *Bayer process / alumina + manufacturing processes + mineral processing*
PT aluminium compounds
DEU Aluminiumoxid

aluminium
BT metals
SY *Al (chemical element)*
aluminum
RT aluminium alloys
aluminium compounds
aluminium manufacture
DEU Aluminium

aluminium alloys
BT alloys
SY *alclad*
UF *alnico alloys / aluminium alloys + cobalt alloys + iron alloys + nickel alloys*
SY *aluminum alloys*
Duralumin
RT aluminium
aluminium compounds
DEU Aluminiumlegierung

aluminium compounds
BT inorganic compounds
NT alumina
SY *aluminum compounds*
RT aluminium
aluminium alloys
aluminosilicate glasses
geopolymers
DEU Aluminiumverbindung

aluminium industry
BT metallurgical industries
SY *aluminum industry*
PT metallurgical industries
RT aluminium manufacture
DEU Aluminiumindustrie

aluminium manufacture
BT manufacture
SY *aluminum manufacture*
RT aluminium
aluminium industry
manufacturing processes
DEU Aluminiumherstellung

Aluminiumherstellung
DEU for aluminium manufacture

Aluminiumindustrie
DEU for aluminium industry

Aluminiumlegierung
DEU for aluminium alloys

Aluminiumoxid
DEU for alumina

Aluminiumsilikatglas
DEU for aluminosilicate glasses

Aluminiumverbindung
DEU for aluminium compounds

Aluminium
DEU for aluminium

aluminosilicate glasses
BT glass
PT glass
RT aluminium compounds
DEU Aluminiumsilikatglas

aluminum
USE aluminium

aluminum alloys
USE aluminium alloys

aluminum compounds
USE aluminium compounds

aluminum industry
USE aluminium industry

aluminum manufacture
USE aluminium manufacture

Am (chemical element)
USE americium
DEU Am (chemisches Element)

Am (chemisches Element)
DEU for Am (chemical element)

AM (modulation)
USE amplitude modulation

AM CVn stars
USE cataclysmic binary stars
\+ white dwarfs

AM Her stars
USE cataclysmic binary stars
\+ white dwarfs
\+ X-ray binary stars

Am stars
USE chemically peculiar stars

AM1 calculations
BT MNDO calculations
SY *Austin model 1*
PT MNDO calculations
RT MINDO calculations
PM3 calculations
DEU AM1-Berechnung
DSY AM1-Kalkulation

AM1-Berechnung
DEU for AM1 calculations

AM1-Kalkulation
DUS für AM1 calculations

amateur radio
USE radiocommunication

ambient intelligence
BT ubiquitous computing
RT assisted living
handicapped aids
health care
home automation
home computing
human computer interaction
human-robot interaction
Internet of Things
mobile computing
multi-agent systems
user interfaces
wireless sensor networks
DEU interaktive intelligente Umgebung

amblyopia
USE vision defects

Ameisenkolonie-Optimierung
DEU for ant colony optimisation

americium
BT actinides
transuranes
SY *Am (chemical element)*
RT americium compounds
DEU Americium

americium compounds
BT actinide compounds
RT americium
DEU Americiumverbindung

Americiumverbindung
DEU for americium compounds

Americium
DEU for americium

amino acids
USE organic compounds
DEU Aminosäuren

Aminosäuren
DEU for amino acids

ammeters
BT meters
RT electric current measurement
multimeters
ohmmeters
voltmeters
DEU Amperemeter
DSY Strommessgerät

ammonia
BT nitrogen compounds
SY *NH3*
RT ammonium compounds
DEU Ammoniak

ammonia clocks
USE atomic clocks

Ammoniak
DEU for ammonia

ammonium compounds
BT nitrogen compounds
SY *ADP (ammonium dihydrogen phosphate)*
RT ammonia
DEU Ammoniumverbindung

Ammoniumverbindung
DEU for ammonium compounds

amorphe Struktur
DEU for glass structure

amorpher Festkörper
DEU for amorphous state

amorpher Halbleiter
DEU for amorphous semiconductors

amorpher magnetischer Werkstoff
DEU for amorphous magnetic materials

amorpher Zustand
DUS für amorphous state

amorpher Zustand
DEU for vitreous state

amorphisation
BT solid-state phase transformations
SY *amorphization*
crystalline-amorphous transformations
PT amorphous state
solid-state phase transformations
RT amorphous state
vitrification
DEU Amorphisierung

Amorphisierung
DEU for amorphisation

amorphization
USE amorphisation

amorphous magnetic materials
BT amorphous state
magnetic materials
SY *magnetic properties of amorphous substances*
PT magnetic properties of amorphous substances
RT metallic glasses
soft magnetic materials
DEU amorpher magnetischer Werkstoff

amorphous semiconductors
BT amorphous state
semiconductor materials
semiconductors
NT chalcogenide glasses
UF *semiconductor glasses / amorphous semiconductors* + *chalcogenide glasses*
PT amorphous state
semiconductor materials
semiconductors
RT semiconductor thin films

DEU amorpher Halbleiter

amorphous state structure
USE noncrystalline structure

amorphous state
BT solids
NT amorphous magnetic materials
amorphous semiconductors
RT amorphisation
dangling bonds
diamond-like carbon
noncrystalline structure
solid structure
vitreous state
DEU amorpher Festkörper
DSY amorpher Zustand

amorphous-crystalline transformations
USE crystallisation

Amperemeter
DEU for ammeters

amperometric sensors
BT electrochemical sensors
PT biosensors
electrochemical sensors
RT biosensors
gas sensors
DEU amperometrischer Sensor

amperometrischer Sensor
DEU for amperometric sensors

amplidynes
USE DC generators

amplification
NT acoustic wave amplification
SY *gain (amplification)*
RT amplifiers
Bode diagrams
fluidics
gain control
gain measurement
lasers
transfer functions
transient response
DEU Verstärkung

amplification measurement
USE gain measurement

amplified spontaneous emission
USE superradiance

amplifiers
BT networks (circuits)
NT audio-frequency amplifiers
current mirrors
DC amplifiers
differential amplifiers
distributed amplifiers
feedback amplifiers
feedforward amplifiers
HF amplifiers
IMPATT amplifiers
injection locked amplifiers
intermediate-frequency amplifiers
low noise amplifiers
magnetic amplifiers
operational amplifiers
optical fibre amplifiers
parametric amplifiers
power amplifiers
preamplifiers
pulse amplifiers
radiofrequency amplifiers
semiconductor optical amplifiers
travelling wave amplifiers
tunnel diode amplifiers
video amplifiers
wideband amplifiers
SY *cathode followers*
UF *dielectric amplifiers / amplifiers + dielectric devices*
SY *emitter followers*
RT amplification
automatic gain control
current conveyors
electric control equipment
gain control
lasers
receivers
ring lasers
transceivers
transformers
transponders
DEU Verstärker

amplify and forward communication
BT telecommunication
RT cooperative communication
decoding
diversity reception
MIMO communication
protocols
radio networks
relay networks (telecommunication)
space-time codes
wireless channels
DEU Sendeverstärkertechnologie
DSY Verstärkungs- und Vorwärts-

Kommunikation
Vorwärtsverstärkungstechnologie

amplitrons
USE microwave amplifiers
\+ microwave tubes

amplitude estimation
BT estimation theory
parameter estimation
PT estimation theory
parameter estimation
DEU Amplitudenschätzung

amplitude limiting circuits
USE limiters

amplitude modulation
BT modulation
NT amplitude shift keying
pulse amplitude modulation
quadrature amplitude modulation
SY *AM (modulation)*
UF *amplitude modulation, optical / amplitude modulation + optical modulation*
SY *constant current modulation*
RT demodulation
demodulators
modulators
DEU Amplitudenmodulation

amplitude modulation, optical
USE amplitude modulation
\+ optical modulation

amplitude shift keying
BT amplitude modulation
SY *ASK*
on-off keying
OOK
PT amplitude modulation
RT optical communication
optical modulation
quadrature amplitude modulation
DEU Amplitudenumtastung

Amplitudenmodulation
DEU for amplitude modulation

Amplitudenschätzung
DEU for amplitude estimation

Amplitudenumtastung
DEU for amplitude shift keying

AMR
USE automatic meter reading

Amstrad computers
BT digital computers
PT microcomputers
RT microcomputers
DEU AMSTRAD-Computer

AMSTRAD-Computer
DEU for Amstrad computers

AMTEC
USE thermoelectric conversion

An-Aus-Regelung
DEU for on-off control

An-Aus-Steuerung
DUS für on-off control

analog circuits
USE analogue circuits

analog computer applications
USE analogue simulation

analog computer circuits
USE analogue computer circuits

analog computer programming
USE analogue computer programming

analog computers
USE analogue computers

analog differential analyzers
USE differential analysers

analog digital computers
USE hybrid computers

analog integrated circuits
USE analogue integrated circuits

analog memories
USE analogue storage

analog multipliers
USE analogue multipliers

analog simulation
USE analogue simulation

analog storage
USE analogue storage

analog-digital conversion
USE analogue-digital conversion

analog-digital converters
USE analogue-digital conversion

Analog-Digital-Konvertierung
DEU for analogue-digital conversion

Analog-Digital-Umformung
DUS für analogue-digital conversion

Analog-Digital-Umsetzung
DUS für analogue-digital conversion

Analogchip
DEU for analogue integrated circuits

analoge integrierte CMOS-Schaltung
DEU for CMOS analogue integrated circuits

analoge integrierte Feldeffektschaltung
DEU for field effect analogue integrated circuits

analoge integrierte MOS-Schaltung
DEU for MOS analogue integrated circuits

analoge integrierte Schaltung
DUS für analogue integrated circuits

analoge Schaltung
DEU for analogue circuits

analoge Simulation
DEU for analogue simulation

analoge Verarbeitungseinheit
DEU for analogue processing circuits

analoge Verarbeitungsschaltung
DUS für analogue processing circuits

analoger integrierter CMOS-Schaltkreis
DUS für CMOS analogue integrated circuits

analoger integrierter Feldeffektschaltkreis
DUS für field effect analogue integrated circuits

analoger integrierter MOS-Schaltkreis
DUS für MOS analogue integrated circuits

analoger integrierter Schaltkreis
DUS für analogue integrated circuits

analoger Multiplizierer
DEU for analogue multipliers

analoger Schaltkreis
DUS für analogue circuits

analoger Speicher
DEU for analogue storage

analoger Verarbeitungsschaltkreis
DUS für analogue processing circuits

analogical reasoning
USE case-based reasoning

Analogmultiplizierer
DUS für analogue multipliers

Analogrechner
DEU for analogue computers

Analogrechnerprogrammierung
DEU for analogue computer programming

Analogrechnerschaltung
DEU for analogue computer circuits

analogs, direct
USE direct analogues

Analogschaltkreis
DUS für analogue circuits

Analogschaltung
DUS für analogue circuits

Analogsimulation
DUS für analogue simulation

Analogspeicher
DUS für analogue storage

analogue circuits
BT networks (circuits)
NT analogue computer circuits
analogue integrated circuits
analogue processing circuits
SY *analog circuits*
RT filters
function generators
mixed analogue-digital integrated circuits
operational amplifiers
waveform generators
DEU analoge Schaltung

DSY analoger Schaltkreis
Analogschaltkreis
Analogschaltung

analogue computer applications
USE analogue simulation

analogue computer circuits
BT analogue circuits
SY *analog computer circuits*
RT analogue computers
analogue processing circuits
differentiating circuits
dividing circuits
function generators
integrating circuits
multiplying circuits
operational amplifiers
potentiometers
summing circuits
DEU Analogrechnerschaltung

analogue computer programming
BT programming
SY *analog computer programming*
DEU Analogrechnerprogrammierung

analogue computers
BT computers
NT differential analysers
direct analogues
SY *analog computers*
RT analogue computer circuits
analogue simulation
analogue storage
analogue-digital conversion
digital-analogue conversion
error compensation
DEU Analogrechner

analogue differential analysers
USE differential analysers

analogue digital computers
USE hybrid computers

analogue integrated circuits
BT analogue circuits
integrated circuits
NT BiCMOS analogue integrated circuits
bipolar analogue integrated circuits
field effect analogue integrated circuits
SY *analog integrated circuits*
linear integrated circuits
PT linear integrated circuits
RT analogue multipliers
analogue processing circuits
current-mode circuits
field programmable analogue arrays
MIMIC
mixed analogue-digital integrated circuits
MMIC
sampled data circuits
switched current circuits
DEU Analogchip
DSY analoge integrierte Schaltung
analoger integrierter Schaltkreis

analogue memories
USE analogue storage

analogue multipliers
BT analogue processing circuits
multiplying circuits
SY *analog multipliers*
PT analogue processing circuits
multiplying circuits
RT analogue integrated circuits
DEU analoger Multiplizierer
DSY Analogmultiplizierer

analogue processing circuits
BT analogue circuits
NT analogue multipliers
field programmable analogue arrays
RT analogue computer circuits
analogue integrated circuits
analogue storage
application specific integrated circuits
BiCMOS analogue integrated circuits
bipolar analogue integrated circuits
CMOS analogue integrated circuits
current-mode circuits
digital signal processing chips
field effect analogue integrated circuits
mixed analogue-digital integrated circuits
MOS analogue integrated circuits
signal processing
signal processing equipment
switched current circuits
DEU analoge Verarbeitungseinheit
DSY analoge Verarbeitungsschaltung
analoger Verarbeitungsschaltkreis
Analogverarbeitungseinheit

Analogverarbeitungsschaltkreis
Analogverarbeitungsschaltung

analogue simulation
BT computer aided analysis
simulation
SY *analog computer applications*
analog simulation
analogue computer applications
PT analogue computer applications
analogue computer methods
RT analogue computers
DEU analoge Simulation
DSY Analogsimulation

analogue storage
NT sample and hold circuits
SY *analog memories*
analog storage
analogue memories
memories, analogue
storage, analog
storage, analogue
RT analogue computers
analogue processing circuits
CMOS analogue integrated circuits
memory architecture
DEU analoger Speicher
DSY Analogspeicher

analogue-digital conversion
BT data conversion
NT quantisation (signal)
sigma-delta modulation
time-digital conversion
SY *A/D conversion*
analog-digital conversion
analog-digital converters
analogue-digital converters
analogue-digital convertors
digitisers
digitizers
UF *incremental encoders / analogue-digital conversion + angular measurement + encoding (general)*
UF *sampling circuits / analogue-digital conversion + signal processing equipment*
RT analogue computers
codecs
comparators (circuits)
computer interfaces
convertors
counting circuits
digital computers
digital systems
digital-analogue conversion
hybrid computers
image scanners
sampled data circuits
signal conditioning circuits
source coding
superconducting integrated circuits
transmultiplexing
DEU Analog-Digital-Konvertierung
DSY Analog-Digital-Umformung
Analog-Digital-Umsetzung

analogue-digital converters
USE analogue-digital conversion

analogue-digital convertors
USE analogue-digital conversion

analogues, direct
USE direct analogues

Analogverarbeitungseinheit
DUS für analogue processing circuits

Analogverarbeitungsschaltkreis
DUS für analogue processing circuits

Analogverarbeitungsschaltung
DUS für analogue processing circuits

Analyse der finiten Elemente
DEU for finite element analysis

Analyse der Gehbewegung
DEU for gait analysis

Analyse des Kopplungsmodus
DEU for coupled mode analysis

analysers, differential
USE differential analysers

analysing power
USE polarisation in nuclear reactions and scattering

analytic hierarchy process
BT decision making
SY *AHP*
analytical hierarchy process
PT decision making
RT decision support systems
decision theory
distributed decision making
management
DEU analytischer Hierarchieprozess (AHP)

analytical chemistry
USE chemical analysis

analytical hierarchy process
USE analytic hierarchy process

analytischer Hierarchieprozess (AHP)
DEU for analytic hierarchy process

analyzers, differential
USE differential analysers

anchors
BT mechanical products
PT mechanical products
RT cables (mechanical)
drilling (geotechnical)
fasteners
foundations
marine engineering
marine safety
marine systems
marine vehicles
naval engineering
shipbuilding industry
DEU Anker

AND gates
USE logic gates

Anderson model
BT localised states
UF *Anderson transition / Anderson model* + *metal-insulator transition*
PT localised electron states
RT impurity states
metal-insulator transition
DEU Anderson-Modell

Anderson transition
USE Anderson model
\+ metal-insulator transition

Anderson-Modell
DEU for Anderson model

Android (Betriebssystem)
DEU for Android (operating system)

Android (operating system)
BT Linux
SY *smart phone operating system*
PT Linux
RT mobile computing
notebook computers
public domain software
smart phones
DEU Android (Betriebssystem)

Android phones
USE smart phones

anechoic chambers (acoustic)
BT test facilities
PT anechoic chambers
RT acoustic noise
acoustic variables measurement
architectural acoustics
echo
reverberation
DEU relexionsarmer Raum (Akustik)
DSY schalltoter Raum

anechoic chambers (electromagnetic)
BT test facilities
PT anechoic chambers
RT antenna testing
electromagnetic compatibility
electromagnetic interference
electromagnetic wave absorption
electronic equipment testing
immunity testing
TEM cells
DEU relexionsarmer Raum (elektromagnetisch)

anelastic relaxation
BT anelasticity
relaxation
NT Bordoni effect
Snoek effect
Zener relaxation
UF *Hasiguti relaxation / anelastic relaxation* + *dislocation damping*
SY *mechanical relaxation*
UF *Snoek-Koster relaxation / anelastic relaxation* + *dislocation damping*
PT anelasticity
RT creep
elastic aftereffect
internal friction
stress relaxation
DEU inelastische Entspannung
DSY inelastische Relaxation
unelastische Entspannung
unelastische Relaxation

anelasticity
BT mechanical properties
NT anelastic relaxation
DEU Anelastizität
DSY Unelastizität

Anelastizität
DEU for anelasticity

Anemometer
DEU for anemometers

anemometers
BT flowmeters
meteorological instruments
RT anemometry
flow measurement
laser velocimeters
pressure measurement
velocimeters
velocity measurement
wind
DEU Anemometer
DSY Windmesser

Anemometrie
DEU for anemometry

anemometry
BT measurement
NT laser Doppler anemometry
PT anemometers
RT anemometers
atmospheric techniques
flow measurement
laser velocimetry
pressure measurement
velocity measurement
wind
DEU Anemometrie

Anfangsladen
DEU for bootstrapping

Anfangslader
DEU for bootstrap circuits

Anfangsprogramm
DUS für bootstrapping

Anfangsprogrammladen
DUS für bootstrapping

Anfangsprogrammlader
DUS für bootstrap circuits

Anfangswertproblem
DEU for initial value problems

Anforderungstechnik
DEU for requirements engineering

Angebot und Nachfrage
DEU for supply and demand

angepasstes Filter
DEU for matched filters

angeregte Anisotropie (magnetisch)
DEU for induced anisotropy (magnetic)

angeregte Brillouin-Streuung
DEU for stimulated Brillouin scattering

angeregte Emission
DEU for stimulated emission

angeregte Raman-Streuung
DEU for stimulated Raman scattering

angeregte Streuung
DEU for stimulated scattering

angeregtes Dimer
DEU for excimers

angeregtes Elektron
DEU for solvated electrons

angiocardiography
BT biomedical imaging
cardiology
SY *angiography (cardiac)*
coronary angiography
PT cardiology
RT biomedical MRI
diagnostic radiography
radioisotope imaging
DEU Angiokardiografie
DSY Angiokardiographie
Herzkranzgefäßkardiografie
Herzkranzgefäßkardiographie

angiography (cardiac)
USE angiocardiography

angiography (MRI)
USE biomedical MRI

angiography (nuclear)
USE radioisotope imaging

angiography (X-ray)
USE diagnostic radiography

Angiokardiografie
DEU for angiocardiography

Angiokardiographie
DUS für angiocardiography

angle measurement
USE angular measurement

angle modulation
BT modulation
NT frequency modulation
phase modulation
PT modulation
RT demodulation
demodulators
modulators
DEU Winkelmodulation

angle-of-arrival estimation
USE direction-of-arrival estimation

angular correlation techniques
PT nuclear instrumentation
RT nuclear instrumentation
DEU Winkelkorrelationstechnik
DSY Winkelkorrelationsverfahren

angular measurement
BT spatial variables measurement
NT angular velocity measurement
SY *angle measurement*
UF *incremental encoders / analogue-digital conversion + angular measurement + encoding (general)*
UF *shaft encoders / angular measurement + electric sensing devices*
RT angular momentum theory
goniometers
rotation measurement
stroboscopes
theodolites
DEU Winkelmessen
DSY Winkelmessung

angular momentum
BT momentum
RT angular velocity
linear momentum
DEU Drall

angular momentum theory
BT quantum theory
SY *Racah coefficients*
RT angular measurement
angular velocity measurement
classical mechanics
complex angular momentum plane
kinematics
mechanics
momentum
DEU Drehimpulstheorie

angular velocity
BT velocity
PT velocity
RT angular momentum
angular velocity control
angular velocity measurement
DEU Winkelgeschwindigkeit

angular velocity control
BT velocity control
PT velocity control
RT angular velocity
angular velocity measurement
DEU Kontrolle der Winkelgeschwindigkeit
DSY Regelung der Winkelgeschwindigkeit
Steuerung der Winkelgeschwindigkeit
Winkelgeschwindigkeitskontrolle
Winkelgeschwindigkeitsregelung
Winkelgeschwindigkeitssteuerung
Winkelgeschwindigkeitssteuerung- und regelung

angular velocity measurement
BT angular measurement
velocity measurement
RT angular momentum theory
angular velocity
angular velocity control
rotation
rotation measurement
stroboscopes
tachometers
DEU Winkelgeschwindigkeitsmessen
DSY Winkelgeschwindigkeitsmessung

anharmonic lattice modes
BT lattice dynamics
PT lattice dynamics
RT localised modes
DEU inharmonischer Gittermodus
DSY unharmonischer Gittermodus

anharmonic oscillators
USE harmonic oscillators

animal communication
USE biocommunications

animation
USE computer animation

animats
USE artificial life

Anion
DEU for negative ions

anions
USE negative ions

anisotrope Aberration
DUS für aberrations

anisotropes Medium
DEU for anisotropic media

anisotropic magnetoresistance
USE enhanced magnetoresistance

anisotropic media
SY *bianisotropic media*
RT chirality
elasticity
electromagnetic wave propagation
electromagnetic wave scattering
magnetic anisotropy
seismology
DEU anisotropes Medium
DSY anisotropisches Medium

anisotropisches Medium
DUS für anisotropic media

anisotropy, magnetic
USE magnetic anisotropy

Anker
DEU for anchors

Ankunftsrichtungsschätzung
DEU for direction-of-arrival estimation

Ankunftszeitbestimmung
DEU for time-of-arrival estimation

Anlage (technisch)
DEU for facilities

Anlagengestaltung
DEU for facilities layout

Anlagenplanung
DEU for facilities planning

Anlagenverwaltung
DEU for facilities management

Anlageteil
DUS für facilities

Anlassen (Wärmebehandlung)
DEU for tempering

Anlasser
DEU for exciters

Anmahlen
DEU for painting

ANMR
USE acoustic nuclear magnetic resonance

ANN
USE neural nets

Annäherung benachbarter freier Elektronen
DEU for nearly-free-electron approximation

annealing
BT heat treatment
NT electron beam annealing
graphitising
incoherent light annealing
laser beam annealing
magnetic annealing
rapid thermal annealing
recrystallisation annealing
solution annealing
PT heat treatment
RT diffusion barriers
hydrogenation
recrystallisation
softening
solid phase epitaxial growth
stress relaxation
DEU Ausheilen (Material)
DSY Ausheilen (Werkstoff)
Ausheizen (Material)
Ausheizen (Werkstoff)

annealing, magnetic
USE magnetic annealing

annealing, simulated
USE simulated annealing

annular antennas
USE loop antennas

Anode
DEU for anodes

anodes
BT electrodes
PT electrodes
DEU Anode

anodes, electrochemical
USE electrochemical electrodes

anodic oxidation
USE anodisation

anodisation
BT coating techniques
electrolysis
SY *anodic oxidation*
anodization
PT coating techniques
electrolysis
RT anodised layers
corrosion protection
liquid phase deposition
oxidation
passivation
porous semiconductors
surface treatment
DEU anodische Oxidation
DSY Anodisieren
Anodisierung

anodische Oxidation
DEU for anodisation

anodised layers
BT coatings
SY *anodized layers*
PT films
thin films
RT anodisation
decorative coatings
electrodeposits
liquid phase deposited coatings
protective coatings
DEU anodisierte Schicht

Anodisieren
DUS für anodisation

anodisierte Schicht
DEU for anodised layers

Anodisierung
DUS für anodisation

anodization
USE anodisation

anodized layers
USE anodised layers

anomalous Cepheids
USE binary stars
\+ variable stars

anomalous skin effect
BT skin effect
PT skin effect
DEU anormaler Hauteffekt

anorganische Verbindung
DEU for inorganic compounds

anorganisches Polymer
DEU for inorganic polymers

anormaler Hauteffekt
DEU for anomalous skin effect

ANOVA (analysis of variance)
USE statistical analysis

Anpassungs-Bestpunkt-Regler
DEU for maximum power point trackers

Anpassungsprüfung
DEU for conformance testing

Anpassungstest
DUS für conformance testing

Anpressdruck
DUS für pressure

Anregungsenergie-Spektroskopie
DEU for appearance potential spectroscopy

Anregungsenergiespektroskopie
DUS für appearance potential spectroscopy

Anregungsenergiespektrum
DEU for appearance potential spectra

Anregungszustand
DEU for excited states

Anreicherungsschicht
DEU for accumulation layers

Anreizschema
DEU for incentive schemes

Ansaugdruck
DUS für pressure

Ansaugluftdruck
DUS für pressure

Ansaugluftdrucksensor
DUS für pressure sensors

Ansaugsystem (Maschine)
DEU for intake systems (machines)

ANSI standards
BT standards
PT measurement standards
standards
RT IEEE standards
measurement standards
DEU ANSI-Norm
DSY ANSI-Standard

ANSI-Norm
DEU for ANSI standards

ANSI-Standard
DUS für ANSI standards

Ansparabschreibung
DUS für depreciation

Anstellung
DEU for employment

Anstreichen
DUS für painting

answer set programming
USE logic programming

ant colony optimisation
BT optimisation
PT optimisation
RT artificial intelligence
genetic algorithms
particle swarm optimisation
search problems
swarm intelligence
DEU Ameisenkolonie-Optimierung
DSY Ant-Colony-Optimierung

Ant-Colony-Optimierung
DUS für ant colony optimisation

antenna accessories
BT antennas
NT antenna earths
antenna feeds
radomes
SY *antenna components*
RT directional couplers
waveguides
DEU Antennenzubehör

antenna arrays
BT antennas
arrays
NT active antenna arrays
adaptive antenna arrays
antenna phased arrays
antenna travelling wave arrays
dipole antenna arrays
linear antenna arrays
log periodic antennas
microwave antenna arrays
millimetre wave antenna arrays
monopole antenna arrays
planar antenna arrays
reflectarray antennas
Yagi antenna arrays
SY *broadside antennas*
end-fire antennas
RT array signal processing
beam steering
broadband antennas
dipole antennas
direction-of-arrival estimation
directional couplers
directive antennas
microwave antennas
MIMO communication
monopole antennas
radiotelescopes
space vehicle antennas
DEU Antennenfeld
DSY Gruppenantenne

antenna beam steering
USE beam steering

antenna components
USE antenna accessories

antenna earths
BT antenna accessories
earthing
DEU Antennenerde
DSY Antennenerdung

antenna feeders
USE antenna feeds

antenna feeds
BT antenna accessories
NT reflector antenna feeds
SY *antenna feeders*
feeds, antenna
PT antenna feeders
RT aperture-coupled antennas
baluns
community antenna television
horn antennas
transmission lines
waveguide components
DEU Antenneneinspeisung

antenna lobe patterns
USE antenna radiation patterns

antenna patterns
USE antenna radiation patterns

antenna phased arrays
BT antenna arrays
SY *phased arrays (antenna)*
self-phased arrays
PT antenna arrays
RT adaptive antenna arrays
array signal processing
microwave phase shifters
microwave photonics
millimetre wave phase shifters
phased array radar
space-time adaptive processing
DEU Phased-Array-Antenne
DSY phasengesteuerte Gruppenantenne
phasengesteuertes Antennenfeld

antenna radiation patterns
BT antennas
SY *antenna lobe patterns*
antenna patterns
directional patterns
field intensity patterns (antenna)
radiation patterns, antenna
RT antenna testing
antenna theory
bow-tie antennas
directive antennas
metamaterial antennas
omnidirectional antennas
planar antennas
planar inverted-F antennas
radiowave propagation
reflectarray antennas
shaped beam antennas
space vehicle antennas
ultra wideband antennas
wearable antennas
DEU Antennendiagramm
DSY Antennenstrahlungsdiagramm

antenna reflectors
USE reflector antennas

antenna testing
BT antennas
testing
SY *CATR*
compact antenna test range
PT antennas
test facilities
testing
RT anechoic chambers (electromagnetic)
antenna radiation patterns
field strength measurement
immunity testing
microwave measurement
millimetre wave measurement
open area test sites
radiofrequency measurement
TEM cells
test facilities
DEU Antennenprüfung
DSY Antennentest

antenna theory
BT antennas
RT antenna radiation patterns
current distribution
electric field integral equations
frequency selective surfaces
impedance matrix
magnetic field integral equations
mode matching
radiowave propagation
spectral-domain analysis
DEU Antennentheorie

antenna travelling wave arrays
BT antenna arrays
RT leaky wave antennas
DEU Travelling-Wave-Gruppenantenne

antennas
NT active antennas
antenna accessories
antenna arrays
antenna radiation patterns
antenna testing
antenna theory
antennas in plasma
aperture antennas

aperture-coupled antennas
bow-tie antennas
broadband antennas
broadcast antennas
conformal antennas
conical antennas
dielectric resonator antennas
dielectric-loaded antennas
dipole antennas
directive antennas
fractal antennas
helical antennas
HF antennas
leaky wave antennas
linear antennas
loop antennas
metamaterial antennas
microwave antennas
millimetre wave antennas
mobile antennas
monopole antennas
multibeam antennas
multifrequency antennas
omnidirectional antennas
planar antennas
radar antennas
receiving antennas
reflector antennas
scanning antennas
shaped beam antennas
space vehicle antennas
spiral antennas
submillimetre wave antennas
television antennas
transmitting antennas
UHF antennas
VHF antennas
wearable antennas
wire antennas
SY *aerials*
UF *plasma antennas (devices) / antennas + plasma devices*
RT electromagnetic coupling
exciters
log periodic antennas
microwave technology
radio equipment
radio receivers
radio transmitters
radiotelescopes
receivers
satellite ground stations
telescopes
transceivers
transmitters
waveguides
DEU Antenne

antennas in plasma
BT antennas
plasma
PT antennas
RT plasma diagnostics
plasma electromagnetic wave propagation
plasma filled waveguides
DEU Antenne im Plasma

Antenne
DEU for antennas

Antenne im Plasma
DEU for antennas in plasma

Antenne mit geformtem Strahl
DEU for shaped beam antennas

Antenne mit spezieller Richtcharakteristik
DUS für shaped beam antennas

Antenne mit Strahlformung
DUS für shaped beam antennas

Antennendiagramm
DEU for antenna radiation patterns

Antenneneinspeisung
DEU for antenna feeds

Antennenerde
DEU for antenna earths

Antennenerdung
DUS für antenna earths

Antennenfeld
DEU for antenna arrays

Antennenkuppel
DEU for radomes

Antennenprüfung
DEU for antenna testing

Antennenstrahlungsdiagramm
DUS für antenna radiation patterns

Antennentest
DUS für antenna testing

Antennentheorie
DEU for antenna theory

Antennenzubehör
DEU for antenna accessories

anthracite
USE coal

anthropic principle
USE cosmology
\+ philosophical aspects

Anthropologie
DEU for anthropology

anthropology
BT social sciences
zoology
PT social and behavioural sciences
RT archaeology
DEU Anthropologie

Anthropometrie
DEU for anthropometry

anthropometry
BT measurement
RT biomechanics
biomedical measurement
ergonomics
human factors
physiological models
DEU Anthropometrie

Anthropotechnik
DEU for human engineering

anti-forgery devices
USE copy protection

antialiasing
BT computer graphics
PT computer graphics
DEU Alias-Effekt
DSY Antialiasing (Computergrafik)
Antialiasing (Signalverarbeitung)
Kantenglättung

Antialiasing (Computergrafik)
DUS für antialiasing

Antialiasing (Signalverarbeitung)
DUS für antialiasing

antibacterial activity
SY *antibiotic activity*
antimicrobial activity
RT biomedical materials
deaeration
food safety
ozonation (materials processing)
pharmaceuticals
sterilisation (microbiological)
DEU antibakterielle Maßnahme

antibakterielle Maßnahme
DEU for antibacterial activity

antibaryons
USE baryons

antibiotic activity
USE antibacterial activity

anticorrosion coatings
USE corrosion protective coatings

anticrossing spectroscopy
USE energy level crossing

anticyclones
USE atmospheric movements
\+ meteorology

antidots
USE quantum dots

antidots, semiconductor
USE semiconductor quantum dots

antidwarf novae
USE dwarf novae

antiferrimagnetism
BT magnetism
PT magnetism
DEU Antiferrimagnetismus

Antiferrimagnetismus
DEU for antiferrimagnetism

antiferroelectric liquid crystals
BT antiferroelectric materials
liquid crystals
PT antiferroelectric materials
ferroelectric liquid crystals
smectic liquid crystals
RT ferroelectric liquid crystals
smectic liquid crystals
DEU antiferroelektrisches Flüssigkristall

antiferroelectric materials
BT dielectric materials
NT antiferroelectric liquid crystals
RT antiferroelectricity
ferroelectric materials
ferroelectricity
DEU antiferroelektrischer Werkstoff

DSY antiferroelektrisches Material

antiferroelectricity
BT dielectric properties
PT antiferroelectric materials
RT antiferroelectric materials
ferroelectricity
DEU Antiferroelektrizität

antiferroelektrischer Werkstoff
DEU for antiferroelectric materials

antiferroelektrisches Flüssigkristall
DEU for antiferroelectric liquid crystals

antiferroelektrisches Material
DUS für antiferroelectric materials

Antiferroelektrizität
DEU for antiferroelectricity

antiferromagnetic Curie temperature
USE Curie temperature

antiferromagnetic materials
BT antiferromagnetism
magnetic materials
SY *spin flop phase*
PT antiferromagnetic properties of substances
RT antiferromagnetic resonance
canted spin arrangements
exchange interactions (electron)
magnetic semiconductors
magnetic superconductors
multiferroics
Neel temperature
weak ferromagnetism
DEU antiferromagnetischer Werkstoff
DSY antiferromagnetisches Material

antiferromagnetic resonance
BT magnetic resonance
SY *AFMR*
RT antiferromagnetic materials
antiferromagnetism
DEU antiferromagnetische Resonanz

antiferromagnetic-ferromagnetic transitions
USE ferromagnetic-antiferromagnetic transitions

antiferromagnetic-paramagnetic transitions
USE paramagnetic-antiferromagnetic transitions

antiferromagnetische Eigenschaften von Substanzen
DEU for antiferromagnetic properties of substances

antiferromagnetische Resonanz
DEU for antiferromagnetic resonance

antiferromagnetischer Werkstoff
DEU for antiferromagnetic materials

antiferromagnetisches Material
DUS für antiferromagnetic materials

antiferromagnetism
BT magnetism
NT antiferromagnetic materials
RT antiferromagnetic resonance
exchange interactions (electron)
frustration
magnons
mictomagnetism
Neel temperature
spin dynamics
spin fluctuations
spin waves
superexchange interactions
DEU Antiferromagnetismus

Antiferromagnetismus
DEU for antiferromagnetism

antiflare stars
USE pre-main-sequence stars

antifreeze materials
USE automotive materials
\+ coolants

antihyperons
USE hyperons

Antimaterie
DEU for antimatter

antimatter
PT cosmology
RT cosmology
DEU Antimaterie

antimicrobial activity
USE antibacterial activity

Antimon
DEU for antimony

Antimonlegierung
DEU for antimony alloys

Antimonverbindung
DEU for antimony compounds

antimony
BT semimetals
SY *Sb (chemical element)*
stibium
RT antimony alloys
antimony compounds
DEU Antimon

antimony alloys
BT alloys
PT antimony compounds
RT antimony
antimony compounds
DEU Antimonlegierung

antimony compounds
BT inorganic compounds
RT antimony
antimony alloys
DEU Antimonverbindung

antineutrinos
USE neutrinos

antineutrons
USE neutrons

antinucleons
USE nucleons

antiphase boundaries
BT domain boundaries
SY *antiphase domains*
PT crystal microstructure
DEU Antiphasengrenze

antiphase domains
USE antiphase boundaries

Antiphasengrenze
DEU for antiphase boundaries

antiproton sources
BT particle sources
PT particle sources
RT proton sources
DEU Antiprotonenquelle

Antiprotonenquelle
DEU for antiproton sources

antiprotonic atoms
USE hadronic atoms

antiprotons
USE protons

antireflection coatings
BT coatings
UF *optical coatings / antireflection coatings + optical films*
PT optical films
RT optical films
optical multilayers
DEU Antireflexbeschichtung
DSY Antireflexionsschicht
Antireflexschicht

Antireflexbeschichtung
DEU for antireflection coatings

Antireflexionsschicht
DUS für antireflection coatings

Antireflexschicht
DUS für antireflection coatings

Antiseitendefekt
DEU for antisite defects

antisite defects
BT point defects
PT point defects
DEU Antiseitendefekt
DSY Substitutionsatom (Kristallgitter)

Antrieb (Technik)
DEU for drives

Antrieb für variable Geschwindigkeit
DEU for variable speed drives

Antriebseinheit
DEU for propulsion

Antriebsmotor
DEU for motor drives

Anwendung von Ultraschall
DEU for ultrasonic applications

Anwendungen der Quantentheorie
DEU for quantum theory applications

Anwendungsgenerator (DV)
DEU for application generators

Anwendungsprogrammgenerator
DUS für application generators

Anwendungsprogrammschnittstelle
DEU for application program interfaces

anwendungsspezifische Schaltung
DEU for application specific integrated circuits

anwendungsspezifische Schaltung (ASIC)
DUS für application specific integrated circuits

anwendungsspezifischer Schaltkreis
DUS für application specific integrated circuits

Anyon (Quantenmechanik)
DEU for anyons

anyons
BT quantum statistical mechanics
quasiparticles
PT quantum statistical mechanics
quasi-particles
DEU Anyon (Quantenmechanik)

Anzeige
DEU for advertising

Anzeigeelement
DEU for indicators

Anzeigegerät
DEU for display devices

Anzeigegerät
DUS für indicators

Anzeigeinstrument
DEU for display instrumentation

Anzeigeinstrumentierung
DUS für display instrumentation

Anzeiger
DUS für indicators

Anzeigeröhre
DEU for television picture tubes

Anzeigesystem
DEU for pointing systems

Anzeigevorrichtung
DEU for electro-optical devices

Anziehungskraft (Gravitation)
DEU for gravitation

Anzünden
DEU for ignition

AOI
USE automatic optical inspection

Ap stars
USE chemically peculiar stars
\+ magnetic stars

APCVD
USE chemical vapour deposition

APD
USE avalanche photodiodes

Aperturaberration
DUS für aberrations

Aperturantenne
DEU for aperture antennas

aperture aberration
USE aberrations

aperture antennas
BT antennas
SY *coaxial aperture antennas*
RT aperture-coupled antennas
horn antennas
lens antennas
reflector antennas
slot antenna arrays
slot antennas
waveguide antennas
DEU Aperturantenne

aperture cards
USE microforms

aperture-coupled antennas
BT antennas
PT aperture antennas
RT antenna feeds
aperture antennas
microstrip antenna arrays
microstrip antennas
DEU aperturgekoppelte Antenne

aperturgekoppelte Antenne
DEU for aperture-coupled antennas

APFIM
USE atom probe field ion microscopy

API
USE application program interfaces

APL
BT high level languages
PT procedure oriented languages
RT APL listings
DEU APL (Programmiersprache)

APL (Programmiersprache)
DEU for APL

APL listings
BT complete computer programs
PT complete computer programs
RT APL
DEU APL-Programm

APL-Programm
DEU for APL listings

apodisation
USE acoustic imaging
\+ optical images

apodization
USE acoustic imaging
\+ optical images

Apparat
DEU for apparatus

apparatus
USE instrumentation
\+ instruments
\+ laboratory techniques
DEU Apparat

appearance potential
USE ionisation potential

appearance potential spectra
BT X-ray emission spectra
UF *APS / appearance potential spectra + appearance potential spectroscopy*
PT X-ray emission spectra
RT appearance potential spectroscopy
DEU Anregungsenergiespektrum

appearance potential spectroscopy
BT modulation spectroscopy
X-ray spectroscopy
UF *APS / appearance potential spectra + appearance potential spectroscopy*
PT modulation spectroscopy
X-ray spectroscopy
RT appearance potential spectra
DEU Anregungsenergie-Spektroskopie
DSY Anregungsenergiespektroskopie

Apple computers
BT digital computers
SY *Lisa computers*
Macintosh computers
PT microcomputers
RT iOS (operating system)
microcomputers
DEU Apple-Computer

Apple-Computer
DEU for Apple computers

applets
USE distributed programming
\+ Java
\+ object-oriented programming

appliances, domestic
USE domestic appliances

application generators
BT programming
UF *fourth-generation languages / application generators + database management systems + high level languages + programming environments + query languages + report generators + simulation languages + specification languages*
PT automatic programming
RT application program interfaces
authoring languages
automatic programming
database management systems
relational databases
software tools
user interfaces
DEU Anwendungsgenerator (DV)
DSY Anwendungsprogrammgenerator

application program interfaces
BT utility programs
NT middleware
SY *API*
UF *MPI / application program*

interfaces + *message passing*
UF *remote method invocation /*
application program interfaces +
remote procedure calls
PT utility programs
RT application generators
operating systems (computers)
DEU Anwendungsprogrammschnittstelle
DSY Programmschnittstelle
Softwareschnittstelle

application specific integrated circuits
BT monolithic integrated circuits
NT mixed analogue-digital integrated circuits
system-on-chip
SY *ASIC*
custom integrated circuits
semicustom integrated circuits
semistandard integrated circuits
PT cellular arrays
integrated logic circuits
monolithic integrated circuits
RT analogue processing circuits
BiCMOS digital integrated circuits
BiCMOS integrated circuits
BiCMOS logic circuits
bipolar digital integrated circuits
bipolar logic circuits
circuit CAD
CMOS digital integrated circuits
CMOS logic circuits
design for testability
digital integrated circuits
electronic design automation
field effect digital integrated circuits
field effect logic circuits
field programmable analogue arrays
high level synthesis
high-speed integrated circuits
integrated logic circuits
integrated memory circuits
logic arrays
logic design
MOS digital integrated circuits
MOS logic circuits
VLSI
DEU anwendungsspezifische Schaltung
DSY anwendungsspezifische Schaltung (ASIC)
anwendungsspezifischer Schaltkreis
ASIC (anwendungsspezifische Schaltung)

applicators
BT production equipment
RT adhesives
agricultural machinery
labelling (packaging)
DEU Auftragmaschine

applicators, microwave
USE hyperthermia
\+ microwave heating

applied potential tomography
USE electric impedance imaging

appraisal
BT human resource management
PT human resource management
RT incentive schemes
personnel
DEU Abschätzung
DSY Beurteilung
Bewertung
Einschätzung
fachliche Bewertung
Personalbewertung
Wertung

approximate reasoning
USE inference mechanisms
\+ uncertainty handling

approximation theory
BT numerical analysis
NT mean square error methods
polynomial approximation
RT boundary-elements methods
extrapolation
finite element analysis
function approximation
interpolation
least squares approximations
mathematical analysis
particle filtering (numerical methods)
relaxation theory
DEU Approximationstheorie

Approximationstheorie
DEU for approximation theory

APR
USE acoustic paramagnetic resonance

Apricot computers
USE ACT computers

APS
USE appearance potential spectra
\+ appearance potential spectroscopy

APW calculations
BT band theory
orbital calculations
SY *augmented plane wave calculations*
PT band theory models
orbital calculation methods
DEU APW-Berechnung
DSY APW-Kalkulation

APW-Berechnung
DEU for APW calculations

APW-Kalkulation
DUS für APW calculations

AQ Leo stars
USE variable stars

aquaculture
BT farming
UF *algal biofuel / aquaculture + biofuel + microorganisms*
SY *fish farming*
fisheries
marine resources
PT farming
natural resources
RT agriculture
biology
ecology
fishing industry
horticulture
natural resources
net structures (mechanical)
water treatment
DEU Aquakultur

Aquakultur
DEU for aquaculture

aqueducts
USE bridges (structures)
\+ canals

aquifers
USE groundwater

Ar (chemical element)
USE argon
DEU Ar (chemisches Element)

Ar (chemisches Element)
DEU for Ar (chemical element)

Arbeiten im Internet
DEU for internetworking

Arbeiten mit Internet
DUS für internetworking

Arbeitnehmerwohl
DEU for employee welfare

Arbeitplanung
DEU for scheduling

Arbeits- und Kostenplanung
DEU for manufacturing resources planning

Arbeitsablaufmanagementsoftware
DEU for workflow management software

Arbeitsbelastung
DEU for occupational stress

Arbeitsbühne
DEU for aerial equipment

Arbeitsflussmanagementsoftware
DUS für workflow management software

Arbeitsgestaltung
DEU for job design

Arbeitskräfte- und Auftragsplanung
DUS für manufacturing resources planning

Arbeitskräfteanwerbung
DEU for recruitment

Arbeitskräfteeinsatz
DUS für employment

Arbeitslosigkeit
DEU for unemployment

Arbeitsmedizin
DEU for occupational medicine

Arbeitsplan
DUS für scheduling

Arbeitsplanung
DEU for job shop scheduling

Arbeitsplanung in der Fertigung
DUS für job shop scheduling

Arbeitsplatz
DUS für employment

Arbeitspsychologie
DEU for industrial psychology

Arbeitsrecht
DEU for employment law

Arbeitsreserven
DEU for labour resources

Arbeitsresourcen
DUS für labour resources

Arbeitsschrittanalyse
DEU for task analysis

Arbeitsschutz
DEU for occupational safety

arbeitswissenschaftliche Medizin
DEU for occupational health

arbeitswissenschaftlicher Gesundheitsschutz
DUS für occupational health

arbiters
USE asynchronous circuits

arbiters (computers)
USE computer interfaces

arbitrary waveform generators
USE function generators

arc cutting
BT cutting
PT arcs (electric)
cutting
RT arcs (electric)
machining
manufacturing processes
DEU Lichtbogenschneiden

arc discharges
USE arcs (electric)

arc furnaces
BT electric furnaces
SY *arc heaters*
electric arc furnaces
RT arcs (electric)
process heating
DEU Lichtbogenofen

arc heaters
USE arc furnaces

arc lamp annealing
USE incoherent light annealing

arc lamps
BT discharge lamps
RT arcs (electric)
light sources
DEU Bogenlampe

arc welding
BT electric welding
plasma welding
SY *electric arc welding*
gas metal arc welding
gas tungsten arc welding
GMAW welding
GTAW welding
metal arc gas welding
metal inert gas welding
MIG welding
plasma arc welding
submerged arc welding
TIG welding
tungsten inert gas welding
RT arcs (electric)
electron beam applications
welding equipment
DEU Lichtbogenschweißen

archaeoastronomy
USE astroarchaeology

Archäologie
DUS für archaeology

archaeology
BT humanities
natural sciences
RT anthropology
astroarchaeology
DEU Altertumsforschung
DSY Archäologie

archaeomagnetism
USE palaeomagnetism

archeomagnetism
USE palaeomagnetism

architectural acoustics
BT structural acoustics
SY *building acoustics*
room acoustics
RT acoustic noise
acoustic wave reflection

acoustic wave transmission
anechoic chambers (acoustic)
architecture
buildings (structures)
echo
indoor environment
noise abatement
reverberation
DEU Architekturakustik
DSY Bauakustik

architectural CAD
BT CAD
civil engineering computing
SY *CAAD*
PT computer-aided design
engineering applications of computers
RT architecture
buildings (structures)
DEU Architektur-CAD
DSY Bau-CAD

architecture
PT building
civil engineering
RT architectural acoustics
architectural CAD
buildings (structures)
civil engineering
Fotovoltaikbuilding
quantity surveying
town and country planning
DEU Architektur

architecture, computer
USE computer architecture

Architektur
DEU for architecture

Architektur-CAD
DEU for architectural CAD

Architekturakustik
DEU for architectural acoustics

archiving systems
USE information retrieval systems
\+ records management

arcing
USE arcs (electric)

arcing, switches
USE circuit-breaking arcs

arcs (electric)
BT discharges (electric)
NT circuit-breaking arcs
vacuum arcs
SY *arc discharges*
arcing
electric arcs
RT arc cutting
arc furnaces
arc lamps
arc welding
corona
electric breakdown
fault currents
flashover
insulating materials
insulation
ionisation
plasma torches
short-circuit currents
sparks
DEU Lichtbogen (elektrisch)

area measurement
BT spatial variables measurement
SY *planimeters*
DEU Bereichsmessung
DSY Flächenmessung
Gebietsmessung
Raummessung

argon
BT inert gases
non-metals
NT argon compounds
SY *Ar (chemical element)*
DEU Argon (Edelgas)
DSY Argon (Inertgas)

Argon (Edelgas)
DEU for argon

Argon (Inertgas)
DUS für argon

argon compounds
BT argon
inert gas compounds
NT argonfluorohydrid
DEU Argonverbindung

Argonfluorhydrid
DEU for argonfluorohydrid

argonfluorohydrid
BT argon compounds
DEU Argonfluorhydrid

Argonverbindung
DEU for argon compounds

ARI
USE radio data systems

arithmetic
BT mathematics
NT digital arithmetic
PT mathematics
RT arithmetic codes
numerical analysis
DEU Arithmetik

arithmetic codes
BT codes
UF *adaptive arithmetic codes /*
adaptive codes + arithmetic codes
PT codes
encoding (general)
RT arithmetic
cyclic codes
data compression
digital arithmetic
image coding
residue codes
DEU arithmetischer Code

Arithmetik
DEU for arithmetic

arithmetischer Code
DEU for arithmetic codes

ARMA processes
USE autoregressive moving average processes

ARMA-Verfahren
DEU for autoregressive moving average processes

Armatur (allgemein)
DEU for instruments

Armatur (Montage)
DEU for fitting (assembly)

Armbanduhr
DEU for watches

Armco iron
USE iron
DEU Armcoeisen

Armcoeisen
DEU for Armco iron

armor
USE armour

armour
SY *armor*
RT aerospace components
ballistics
explosion protection
impact (mechanical)
manufactured products
military equipment
military vehicles
projectiles
protective clothing
DEU Panzer
DSY Rüstung

armouring (cables)
USE cable sheathing

Aromamodell
DEU for flavour model

ARPES
USE photoelectron spectra

ARQ
USE automatic repeat request

array processors
USE parallel processing

array signal processing
BT signal processing
SY *adaptive beamforming*
beamforming (signal processing)
sensor array processing
PT signal processing
RT adaptive filters
adaptive signal processing
antenna arrays
antenna phased arrays
blind source separation
direction-of-arrival estimation
microphone arrays
parameter estimation
radar
radio direction-finding
sensor arrays
signal classification
signal detection
sonar
sonar arrays
sonar signal processing
source separation

space-time adaptive processing
time-of-arrival estimation
tracking
DEU Gruppensignalverarbeitung

arrayed waveguide gratings
BT diffraction gratings
optical arrays
optical waveguides
SY *AWG*
PT diffraction gratings
optical arrays
optical waveguides
RT integrated optics
multiplexing equipment
optical communication equipment
wavelength division multiplexing
DEU Wellenleitermatrixgitter

arrays
NT acoustic arrays
antenna arrays
ball grid arrays
cellular arrays
field emitter arrays
field programmable analogue arrays
logic arrays
optical arrays
phased array radar
sensor arrays
superconducting arrays
RT periodic structures
DEU Feld (Datentyp)
DSY Feld (Physik)

arresters
BT surge protection
UF *lightning arresters / arresters + lightning protection*
SY *surge arresters*
PT lightning protection
surge protection
RT divertors
insulation co-ordination
lightning protection
overvoltage protection
power system protection
DEU Ableiter

arsenic
BT semimetals
SY *As (chemical element)*
RT arsenic alloys
arsenic compounds
DEU Arsen

arsenic alloys
BT alloys
PT arsenic compounds
RT arsenic
arsenic compounds
DEU Arsenlegierung

arsenic compounds
BT inorganic compounds
NT gallium arsenide
RT arsenic
arsenic alloys
DEU Arsenverbindung

Arsenlegierung
DEU for arsenic alloys

Arsenverbindung
DEU for arsenic compounds

Arsen
DEU for arsenic

art
BT humanities
PT humanities
RT computer animation
museums
DEU Kunst

ART neural nets
BT adaptive resonance theory
neural nets
SY *adaptive resonance theory neural networks*
PT neural nets
DEU ART neuronales Netz

ART neuronales Netz
DEU for ART neural nets

arteries (medical)
USE blood vessels

articulation (speech)
USE speech

artificial guide stars
BT astronomical techniques
SY *guide stars, artificial*
UF *laser guide stars / artificial guide stars + laser beam applications*
PT adaptive optics
astronomical techniques
laser beam applications
RT adaptive optics
laser beam applications
DEU künstlicher Leitstern

artificial hearts
USE artificial organs

artificial immune systems
BT optimisation
PT artificial intelligence
genetic algorithms
RT artificial intelligence
genetic algorithms
pattern recognition
swarm intelligence
DEU künstliches Immunsystem

artificial intelligence
BT cybernetics
NT adaptive resonance theory
artificial life
cognitive systems
cooperative systems
formal concept analysis
fuzzy control
games of skill
generalisation (artificial intelligence)
heuristic programming
knowledge engineering
learning (artificial intelligence)
perceptrons
planning (artificial intelligence)
swarm intelligence
theorem proving
uncertainty handling
UF *autonomous land vehicles / artificial intelligence + mobile robots + vehicles*
SY *emotion simulation*
intelligence, artificial
machine intelligence
RT adaptive control
adaptive systems
ant colony optimisation
artificial immune systems
automata theory
biocybernetics
bond graphs
brain models
computers
emergent phenomena
expert systems
fifth generation systems
formal logic
granular computing
learning systems
logic programming
model reference adaptive control systems
natural language processing
natural languages
neural nets
particle swarm optimisation
problem solving
robots
search problems
self-adjusting systems
sensor fusion
symbol manipulation
system theory
DEU künstliche Intelligenz

artificial kidneys
USE artificial organs

artificial life
BT artificial intelligence
SY *animats*
PT artificial intelligence
RT adaptive systems
cellular automata
living systems
swarm intelligence
DEU künstliches Leben

artificial limbs
BT prosthetics
PT prosthetics
RT gait analysis
DEU künstliches Lymphgefäß

artificial muscle actuators
USE electroactive polymer actuators

artificial neural networks
USE neural nets

artificial organs
BT biological organs
prosthetics
SY *artificial hearts*
artificial kidneys
mechanical organs
organs, artificial
DEU künstliches Organ

artificial satellites
BT space vehicles
NT solar power satellites
SY *satellites, artificial*
RT attitude measurement
entry, descent and landing (spacecraft)
ionospheric measuring apparatus
military equipment
satellite communication
satellite links
satellite tracking
space debris

space research
space tethers
spacecraft charging
star trackers
tracking
DEU Satellit

artificial vision
USE computer vision

artillery
USE weapons

Arzneimittel
DEU for drugs

Arzneimittelliefersystem
DEU for drug delivery systems

As (chemical element)
USE arsenic
DEU As (chemisches Element)

As (chemisches Element)
DEU for As (chemical element)

Asbest
DEU for asbestos

asbestos
BT materials
minerals
SY *crocidolite*
RT insulating materials
DEU Asbest

Asche
DEU for ash

asdic
USE sonar

ash
BT industrial waste
NT coal ash
fly ash
RT incineration
DEU Asche

ASIC
USE application specific integrated circuits

ASIC (anwendungsspezifische Schaltung)
DUS für application specific integrated circuits

ASK
USE amplitude shift keying

aspärische Optik
DEU for aspherical optics

aspect-oriented programming
BT object-oriented programming
PT object-oriented programming
RT abstract data types
data encapsulation
distributed object management
inheritance
Java
object-oriented databases
object-oriented languages
object-oriented methods
persistent objects
software engineering
software libraries
DEU aspektorientierte Programmierung

aspektorientierte Programmierung
DEU for aspect-oriented programming

asphärische Linse
DEU for aspherical lenses

asphalt
BT building materials
RT bitumen
road building
DEU Asphalt

Asphalt
DEU for asphalt

aspherical lenses
USE aspherical optics
\+ lenses
DEU asphärische Linse

aspherical optics
BT optics
UF *aspherical lenses / aspherical optics + lenses*
RT aberrations
lenses
mirrors
optical fabrication
optical testing
DEU aspärische Optik

Assembler (DV)
DEU for program assemblers

Assemblerprogramm
DEU for assembly language listings

assemblers (program)
USE program assemblers

Assemblersprache
DEU for assembly language

assembling
BT production
NT assembly planning
fitting (assembly)
microassembling
robotic assembly
SY *assembly lines*
UF *disassembly / assembling* +
design for disassembly +
recycling
PT manufacturing processes
RT adhesives
clean rooms
compliance control
electronic equipment manufacture
fasteners
fine-pitch technology
fixtures
printed circuit manufacture
reflow soldering
surface mount technology
wave soldering
DEU Montage
DSY Zusammenbau

assembly language
BT machine oriented languages
PT machine oriented languages
RT assembly language listings
DEU Assemblersprache

assembly language listings
BT complete computer programs
PT complete computer programs
RT assembly language
machine code listings
DEU Assemblerprogramm

assembly lines
USE assembling

assembly planning
BT assembling
production planning
PT assembling
planning
RT facilities planning
production control
DEU Montageplanung

assembly programs
USE program assemblers

assembly robots
USE robotic assembly

Assembly-Flow-Shop Planungsproblem
DUS für flow shop scheduling

asset management
BT management
PT management
RT cost accounting
critical infrastructures
facilities management
financial management
industrial property
life cycle costing
maintenance engineering
DEU Vermögensverwaltung

assisted living
BT health care
home automation
RT age issues
ambient intelligence
geriatrics
handicapped aids
home computing
home networks
medical computing
patient care
patient monitoring
patient rehabilitation
service robots
telemedicine
wireless sensor networks
DEU unterstützte Lebensführung

association (chemical)
BT chemical reactions
NT associative ionisation
SY *addition reactions*
chemical association
dimerisation
insertion reactions
UF *photoassociation / association (chemical)* + *photochemistry*
SY *protonation*
PT association
RT atom-atom reactions
atomic clusters
dissociation
intermolecular mechanics
molecular clusters
polymerisation
DEU Assoziation (Chemie)
DSY chemische Assoziation

association rules
USE data mining

associative ionisation
BT association (chemical)
ionisation
SY *associative ionization*
Hornbeck-Molnar effect
PT association
ionisation
DEU assoziative Ionisation

associative ionization
USE associative ionisation

associative processing
BT data handling
RT content-addressable storage
neural nets
parallel processing
DEU assoziative Verarbeitung (EDV)

associative storage
USE content-addressable storage

Assoziation (Chemie)
DEU for association (chemical)

assoziative Ionisation
DEU for associative ionisation

assoziative Verarbeitung (EDV)
DEU for associative processing

Assoziativspeicher
DEU for content-addressable storage

assumption-based truth maintenance systems
USE truth maintenance

Astat
DEU for astatine

astatine
BT halogens
non-metals
SY *At (chemical element)*
RT astatine compounds
DEU Astat

astatine compounds
BT inorganic compounds
RT astatine
DEU Astatverbindung

Astatverbindung
DEU for astatine compounds

Asteroid
DEU for asteroids

asteroid satellites
USE planetary satellites

asteroids
BT planets
SY *Centaurs*
minor planets
planetoids
RT interplanetary matter
meteorites
meteoroids
planetary remote sensing
planetary surfaces
solar system
trans-Neptunian objects
DEU Asteroid

asteroseismology
USE stellar pulsations

asthenosphere
USE Earth mantle

astigmatism (eye)
USE vision defects

astigmatism (optical)
USE aberrations

Astroarchäologie
DEU for astroarchaeology

astroarchaeology
SY *archaeoastronomy*
PT archaeology
astronomy and astrophysics
RT archaeology
astronomy
DEU Astroarchäologie

astrobiology
USE extraterrestrial life

astroblemes
USE meteorite craters

Astrochemie
DEU for astrochemistry

astrochemistry
BT astronomy
NT interstellar chemistry
planetary chemistry
PT astronomy
RT interstellar molecules
planetary composition
DEU Astrochemie

Astrometrie
DEU for astrometry

astrometry
BT astronomy
SY *parallax, stellar*
stellar parallax
stellar positions
PT astronomical techniques
RT position measurement
stellar motion
DEU Astrometrie

astronautics
USE space research

astronomical atlases
SY *atlases, astronomical*
PT astronomical charts and atlases
RT astronomical catalogues
astronomical surveys
finding charts
DEU astronomischer Atlas

astronomical calendars
USE astronomical ephemerides

astronomical catalogues
PT astronomy and astrophysics
RT astronomical atlases
astronomical surveys
astronomy
collections of physical data
finding charts
DEU astronomischer Katalog

astronomical ephemerides
SY *almanacs*
astronomical calendars
ephemerides
PT astronomy and astrophysics
celestial mechanics
RT celestial mechanics
DEU astronomische Ephemeriden
DSY astronomische Koordinate
astronomische Lage
astronomische Ortslage
astronomische Raumlage

astronomical image processing
BT astronomy computing
image processing
PT astronomical techniques
astronomy computing
image processing
RT astronomical techniques
DEU astronomische Bildverarbeitung

astronomical instruments
BT instruments
NT astronomical telescopes
coronagraphs
UF *dark matter detectors / astronomical instruments + cosmic ray apparatus + dark matter*
UF *fiber optic positioners / astronomical instruments + optical fibres*
UF *fibre optic positioners / astronomical instruments + optical fibres*
UF *optical fiber positioners / astronomical instruments + optical fibres*
UF *optical fibre positioners / astronomical instruments + optical fibres*
SY *planetaria*
UF *sundials / astronomical instruments + time measurement*
RT astronomical observatories
astronomical techniques
astronomy
cosmic ray apparatus
gravitational wave detectors
planetary remote sensing
DEU astronomisches Gerät
DSY astronomisches Instrument

astronomical masers
BT radiosources (astronomical)
UF *OH Type I sources / astronomical masers + H II regions + infrared sources (astronomical) + radiosources (astronomical) + stars*
UF *OH Type IIa sources / astronomical masers + interstellar matter + radiosources (astronomical)*
PT masers
RT interstellar molecules
masers
OH-IR stars
DEU astronomischer Maser
DSY kosmischer Maser

astronomical observations
NT visible astronomical observations
DEU astronomische Beobachtung

astronomical observatories
NT submillimetre astronomical observations
SY *observatories, astronomical*
PT astronomical instruments
astronomy and astrophysics
RT astronomical instruments
astronomy
DEU astronomische Beobachtungsstation
DSY astronomische Observatorium
Observatorium (Astronomie)
Sternwarte

astronomical photometry
BT photometry
NT stellar photometry
SY *light curves*
PT astronomical techniques
photometry
RT astronomical polarimetry
DEU astronomische Fotometrie
DSY astronomische Photometrie

astronomical polarimetry
BT polarimetry
NT stellar polarimetry
PT astronomical techniques
polarimetry
RT astronomical photometry
DEU astronomische Polarimetrie

astronomical spectra
BT spectra (general)
NT cosmic ray energy spectra
extrasolar planetary spectra
stellar spectra
UF *astronomical spectroscopy / astronomical spectra + spectroscopy*
RT astronomy
gamma-ray astronomy
infrared astronomy
radioastronomy
ultraviolet astronomy
X-ray astronomy
DEU astronomisches Spektrum

astronomical spectroscopy
USE astronomical spectra
\+ spectroscopy

astronomical surveys
BT astronomy
SY *deep fields (astronomical)*
sky surveys
PT astronomical atlases
astronomical catalogues
RT astronomical atlases
astronomical catalogues
cosmology
gamma-ray astronomy
infrared astronomy
radioastronomy
submillimetre astronomy
ultraviolet astronomy
X-ray astronomy
DEU astronomische Vermessung

astronomical techniques
NT artificial guide stars
radioastronomical techniques
UF *lunar laser ranging / astronomical techniques + laser ranging + Moon*
RT astronomical image processing
astronomical instruments
astronomy
planetary remote sensing
wavefront sensors
DEU astronomische Methode
DSY astronomische Technik
astronomisches Arbeitsverfahren

astronomical telescopes
BT astronomical instruments
telescopes
NT radiotelescopes
RT stray light
DEU astronomisches Fernrohr
DSY astronomisches Teleskop

Astronomie
DEU for astronomy

Astronomie und Astrophysik
DEU for astronomy and astrophysics

astronomische Beobachtung
DEU for astronomical observations

astronomische Beobachtungsstation
DEU for astronomical observatories

astronomische Bildverarbeitung
DEU for astronomical image processing

astronomische Computeranwendung
DEU for astronomy computing

astronomische Ephemeriden
DEU for astronomical ephemerides

astronomische Fotometrie
DEU for astronomical photometry

astronomische Gammastrahlen-Quelle
DEU for gamma-ray sources (astronomical)

astronomische Gammastrahlenquelle
DUS für gamma-ray sources (astronomical)

astronomische Gammastrahlungs-Quelle
DUS für gamma-ray sources (astronomical)

astronomische Gammastrahlungsquelle
DUS für gamma-ray sources (astronomical)

astronomische Infrarotquelle
DEU for infrared sources (astronomical)

astronomische Koordinate
DUS für astronomical ephemerides

astronomische Lage
DUS für astronomical ephemerides

astronomische Methode
DEU for astronomical techniques

astronomische N-Körper-Simulation
DEU for N-body simulations (astronomical)

astronomische Observatorium
DUS für astronomical observatories

astronomische Ortslage
DUS für astronomical ephemerides

astronomische Photometrie
DUS für astronomical photometry

astronomische Polarimetrie
DEU for astronomical polarimetry

astronomische quasi-periodische Oszillation
DEU for quasi-periodic oscillations (astronomical)

astronomische quasi-periodische Schwingung
DUS für quasi-periodic oscillations (astronomical)

astronomische Radiowellenquelle
DEU for radiosources (astronomical)

astronomische Raumlage
DUS für astronomical ephemerides

astronomische Rechneranwendung
DUS für astronomy computing

astronomische Röntgenstrahlenquelle
DEU for X-ray sources (astronomical)

astronomische Tafeln und Atlanten
DEU for astronomical charts and atlases

astronomische Technik
DUS für astronomical techniques

astronomische Ultraviolettquelle
DEU for ultraviolet sources (astronomical)

astronomische Ultraviolettstrahlenquelle
DUS für ultraviolet sources (astronomical)

astronomische Vermessung
DEU for astronomical surveys

astronomischer Atlas
DEU for astronomical atlases

astronomischer Katalog
DEU for astronomical catalogues

astronomischer Maser
DEU for astronomical masers

astronomisches Arbeitsverfahren
DUS für astronomical techniques

astronomisches Fernrohr
DEU for astronomical telescopes

astronomisches Gerät
DEU for astronomical instruments

astronomisches Instrument
DUS für astronomical instruments

astronomisches Spektrum
DEU for astronomical spectra

astronomisches Submillimeterbeobachtung
DEU for submillimetre astronomical observations

astronomisches Submillimeterobservierung
DUS für submillimetre astronomical observations

astronomisches Teleskop
DUS für astronomical telescopes

astronomy
BT natural sciences
NT astrochemistry
astrometry
astronomical surveys
astrophysical fluid dynamics
celestial mechanics
cosmology
gamma-ray astronomy
infrared astronomy
radar astronomy
radioastronomy
submillimetre astronomy
ultraviolet astronomy
X-ray astronomy
SY *astrophysics*
calendars, astronomical
PT astronomy and astrophysics
RT astroarchaeology
astronomical catalogues
astronomical instruments
astronomical observatories
astronomical spectra
astronomical techniques
astronomy computing
astrophysical electric fields
astrophysical radiation mechanisms
clusters of galaxies
eclipses
extraterrestrial life
galaxies
Galaxy
occultations
relativity
solar system
space research
stars
transits
DEU Astronomie

astronomy computing
BT natural sciences computing
NT astronomical image processing
N-body simulations (astronomical)
SY *astrophysics computing*
PT natural sciences applications of computers
RT astronomy
computerised instrumentation
DEU astronomische Computeranwendung
DSY astronomische Rechneranwendung
Computeranwendung in der Astronomie
Rechneranwendung in der Astronomie

astrophysical electric fields
BT electric fields
PT electric fields
RT astronomy
astrophysical magnetic fields
DEU astrophysikalisches elektrisches Feld

astrophysical fluid dynamics
BT astronomy
fluid dynamics
NT astrophysical jets
PT astronomy and astrophysics
fluid dynamics
RT accretion
astrophysical plasma
hydrodynamics
shallow water equations
DEU astrophysikalische Fluiddynamik

astrophysical jets
BT astrophysical fluid dynamics
jets
UF *bipolar nebulae / astrophysical jets + circumstellar matter + infrared sources (astronomical) + nebulae + stellar winds*
PT astronomy and astrophysics
RT plasma jets
quasars
radiogalaxies
stellar winds
DEU astrophysikalischer Jet

astrophysical magnetic fields
BT magnetic fields
NT intergalactic magnetic fields
interplanetary magnetic fields
interstellar magnetic fields
PT magnetic fields
RT astrophysical electric fields
magnetic reconnection
planetary magnetism
stellar magnetism

DEU astrophysikalisches Magnetfeld

astrophysical plasma
BT plasma
PT plasma
RT astrophysical fluid dynamics
dusty plasmas
magnetic reconnection
DEU astrophysikalisches Plasma

astrophysical radiation mechanisms
PT astronomy and astrophysics
RT astronomy
radiation
DEU astrophysikalischer Strahlungsmechanismus

astrophysics
USE astronomy

astrophysics computing
USE astronomy computing

astrophysikalische Fluiddynamik
DEU for astrophysical fluid dynamics

astrophysikalischer Jet
DEU for astrophysical jets

astrophysikalischer Strahlungsmechanismus
DEU for astrophysical radiation mechanisms

astrophysikalisches elektrisches Feld
DEU for astrophysical electric fields

astrophysikalisches Magnetfeld
DEU for astrophysical magnetic fields

astrophysikalisches Plasma
DEU for astrophysical plasma

asymmetric digital subscriber lines
USE digital subscriber lines

Asymmetrie-Ablenkung
DUS für aberrations

asymmetrische Kryptografie
DEU for private key cryptography

asymmetrische Kryptographie
DUS für private key cryptography

asymptotic giant branch stars
USE giant stars
\+ supergiant stars

asymptotic stability
BT stability
SY *exponential stability*
PT stability
DEU asymptotische Stabilität

asymptotische Stabilität
DEU for asymptotic stability

asynchrone Schaltung
DEU for asynchronous circuits

asynchrone sequentielle Logikschaltung
DEU for asynchronous sequential logic

asynchrone Übertragung (DFÜ)
DEU for asynchronous transfer mode

asynchroner Schaltkreis
DUS für asynchronous circuits

asynchroner Transfermodus
DUS für asynchronous transfer mode

asynchroner Übertragungsmodus
DUS für asynchronous transfer mode

Asynchrongenerator
DEU for asynchronous generators

Asynchronmaschine
DEU for asynchronous machines

asynchronous circuits
BT logic circuits
SY *arbiters*
PT asynchronous sequential logic
sequential circuits
RT asynchronous sequential logic
finite state machines
integrated logic circuits
logic design
sequential circuits
DEU asynchrone Schaltung
DSY asynchroner Schaltkreis

asynchronous electric machines
USE asynchronous machines

asynchronous generators
BT AC generators
asynchronous machines
SY *induction generators*
RT machine bearings
machine insulation
machine testing
machine theory

machine windings
DEU Asynchrongenerator

asynchronous machines
BT AC machines
NT asynchronous generators
induction motors
SY *asynchronous electric machines*
induction machines
RT machine bearings
machine insulation
machine testing
machine theory
machine windings
slip (asynchronous machines)
DEU Asynchronmaschine

asynchronous motors
USE induction motors

asynchronous sequential logic
BT logic
RT asynchronous circuits
logic circuits
sequential circuits
sequential switching
switching theory
DEU asynchrone sequentielle Logikschaltung

asynchronous transfer mode
BT time division multiplexing
SY *ATM communication*
PT packet switching
time division multiplexing
RT B-ISDN
broadband networks
ISDN
metering
multicast communication
multimedia communication
multiprotocol label switching
multistage interconnection networks
packet switching
photonic switching systems
quality of service
signalling protocols
SONET
statistical multiplexing
telecommunication congestion control
DEU asynchrone Übertragung (DFÜ)
DSY asynchroner Transfermodus
asynchroner Übertragungsmodus

At (chemical element)
USE astatine
DEU At (chemisches Element)

At (chemisches Element)
DEU for At (chemical element)

AT bus
USE system buses

Atari computers
BT digital computers
PT microcomputers
RT microcomputers
DEU Atari-Computer

Atari-Computer
DEU for Atari computers

Atemschutz
DEU for respiratory protection

atlases, astronomical
USE astronomical atlases

ATM communication
USE asynchronous transfer mode

ATM forces
USE intermolecular forces

Atmosphärenchemie
DEU for atmospheric chemistry

Atmosphärengrenzschicht
DEU for atmospheric boundary layer

Atmosphärentemperatur
DEU for atmospheric temperature

Atmosphärenzusammensetzung
DEU for atmospheric composition

atmosphärische Akustik
DEU for atmospheric acoustics

atmosphärische Bewegung
DEU for atmospheric movements

atmosphärische Elektrizität
DEU for atmospheric electricity

atmosphärische Grenzschicht
DUS für atmospheric boundary layer

atmosphärische Ionisation
DEU for atmospheric ionisation

atmosphärische Lichtausbreitung
DEU for atmospheric light propagation

atmosphärische Optik
DEU for atmospheric optics

atmosphärische Protonenniederschlag
DEU for atmospheric proton precipitation

atmosphärische Radioaktivität
DEU for atmospheric radioactivity

atmosphärische Störung
DEU for atmospherics

atmosphärische Strahlung
DEU for atmospheric radiation

atmosphärische Struktur
DEU for atmospheric structure

atmosphärische Technik
DEU for atmospheric techniques

atmosphärische Thermodynamik
DEU for atmospheric thermodynamics

atmosphärische Turbulenz
DEU for atmospheric turbulence

atmosphärische Welle
DEU for atmospheric waves

atmosphärische Wellenausbreitung
DEU for atmospheric electromagnetic wave propagation

atmosphärische Zusammensetzung
DUS für atmospheric composition

atmosphärischer Druck
DEU for atmospheric pressure

atmosphärischer Elektronenniederschlag
DEU for atmospheric electron precipitation

atmosphärischer Ionenniederschlag
DEU for atmospheric ion precipitation

atmosphärischer Niederschlag
DEU for atmospheric precipitation

atmosphärisches Aerosol
DEU for atmospheric aerosols

atmosphärisches Elementarpartikel
DEU for atmospheric elementary particle precipitation

atmosphärisches Elementarteilchen
DUS für atmospheric elementary particle precipitation

atmosphärisches Messgerät
DEU for atmospheric measuring apparatus

atmosphärisches Spektrum
DEU for atmospheric spectra

atmosphere, solar
USE solar atmosphere

atmosphere, terrestrial
USE terrestrial atmosphere

atmosphere, upper
USE upper atmosphere

atmospheres, stellar
USE stellar atmospheres

atmospheric acoustics
BT acoustics
terrestrial atmosphere
RT acoustic wave propagation
aeroacoustics
DEU atmosphärische Akustik
DSY Luftschall

atmospheric aerosols
USE aerosols
DEU atmosphärisches Aerosol

atmospheric boundary layer
BT boundary layers
troposphere
SY *planetary boundary layer*
PT boundary layers
troposphere
RT atmospheric turbulence
boundary layer turbulence
fog
land surface temperature
DEU Atmosphärengrenzschicht
DSY atmosphärische Grenzschicht

atmospheric chemistry
BT chemistry
terrestrial atmosphere
PT chemistry

RT atmospheric composition
photochemistry
DEU Atmosphärenchemie

atmospheric circulation
USE atmospheric movements

atmospheric composition
BT terrestrial atmosphere
RT air
air pollution
air quality
atmospheric chemistry
atmospheric radioactivity
dust
global warming
smoke
DEU Atmosphärenzusammensetzung
DSY atmosphärische Zusammensetzung

atmospheric computing
USE geophysics computing

atmospheric density
USE terrestrial atmosphere

atmospheric duct
USE atmospheric electromagnetic wave propagation

atmospheric dynamics
USE atmospheric movements

atmospheric electricity
BT electricity
terrestrial atmosphere
NT electrojets
lightning
RT atmospheric ionisation
aurora
clouds
electron density
electrostatics
ionosphere
sprites
thunderstorms
DEU atmosphärische Elektrizität

atmospheric electromagnetic wave propagation
BT electromagnetic wave propagation
terrestrial atmosphere
NT atmospheric light propagation
ionospheric electromagnetic wave propagation
magnetospheric electromagnetic wave propagation
tropospheric electromagnetic wave propagation
SY *atmospheric duct*
RT atmospheric waves
atmospherics
radiowave propagation
DEU atmosphärische Wellenausbreitung

atmospheric electron precipitation
BT atmospheric elementary particle precipitation
PT upper atmosphere
DEU atmosphärischer Elektronenniederschlag

atmospheric elementary particle precipitation
BT upper atmosphere
NT atmospheric electron precipitation
atmospheric proton precipitation
PT terrestrial atmosphere
RT aurora
ionosphere
magnetosphere
radiation belts
DEU atmosphärisches Elementarpartikel
DSY atmosphärisches Elementarteilchen

atmospheric energetics
USE atmospheric thermodynamics

atmospheric humidity
BT humidity
terrestrial atmosphere
SY *atmospheric water vapour*
RT atmospheric precipitation
hygrometers
meteorology
moisture
moisture measurement
vapour pressure
DEU Luftfeuchte

atmospheric ion precipitation
BT upper atmosphere
PT atmospheric elementary particle precipitation
RT atmospheric proton precipitation
aurora
ionosphere
magnetosphere
radiation belts
DEU atmosphärischer Ionenniederschlag

atmospheric ionisation
BT terrestrial atmosphere
RT atmospheric electricity
ionosphere
photoionisation
DEU atmosphärische Ionisation

atmospheric light propagation
BT atmospheric electromagnetic wave propagation
atmospheric optics
light propagation
PT atmospheric optics
DEU atmosphärische Lichtausbreitung
DSY Lichtausbreitung in der Atmosphäre

atmospheric measuring apparatus
BT geophysical equipment
NT ionospheric measuring apparatus
meteorological instruments
SY *magnetospheric measuring apparatus*
pyranometers
PT geophysical equipment
RT air pollution measurement
atmospheric techniques
balloons
meteorological radar
radiosondes
DEU atmosphärisches Messgerät

atmospheric movements
BT terrestrial atmosphere
NT atmospheric turbulence
atmospheric waves
wind
UF *anticyclones / atmospheric movements + meteorology*
SY *atmospheric circulation*
atmospheric dynamics
UF *cyclogenesis / atmospheric movements + storms*
UF *cyclones / atmospheric movements + meteorology*
SY *jet stream*
movements, atmospheric
RT atmospheric pressure
atmospheric thermodynamics
El Nino Southern Oscillation
geophysical fluid dynamics
hydrodynamics
monsoons
storms
tides
DEU atmosphärische Bewegung

atmospheric noise
USE atmospherics

atmospheric optics
BT optics
terrestrial atmosphere
NT atmospheric light propagation
UF *mirages / atmospheric optics + light refraction*
SY *seeing (atmospheric)*
RT atmospheric spectra
aurora
light absorption
light refraction
light scattering
Mie scattering
sky brightness
sunlight
visibility
DEU atmosphärische Optik

atmospheric pollution
USE air pollution

atmospheric precipitation
BT terrestrial atmosphere
NT rain
snow
UF *hail / atmospheric precipitation + ice*
SY *precipitation (atmospheric)*
UF *seeding (clouds) / atmospheric precipitation + clouds + weather modification*
RT atmospheric humidity
clouds
hydrology
ice
meteorology
DEU atmosphärischer Niederschlag

atmospheric pressure
BT pressure
terrestrial atmosphere
SY *barometric pressure*
isobars
pressure, atmospheric
PT atmospheric pressure and density
RT atmospheric movements
atmospheric structure
barometers
El Nino Southern Oscillation
DEU atmosphärischer Druck

atmospheric proton precipitation
BT atmospheric elementary particle precipitation
PT upper atmosphere

RT atmospheric ion precipitation
DEU atmosphärische Protonenniederschlag

atmospheric radiation
BT radiation
terrestrial atmosphere
NT airglow
SY *twilight*
RT atmospherics
sprites
sunlight
DEU atmosphärische Strahlung

atmospheric radioactivity
BT radioactivity
terrestrial atmosphere
UF *fallout / air pollution + atmospheric radioactivity + radioactive pollution*
RT air pollution
atmospheric composition
natural radioactivity hazards
radiation effects
radiation protection
radioactive pollution
DEU atmosphärische Radioaktivität

atmospheric spectra
BT spectra (general)
terrestrial atmosphere
RT atmospheric optics
aurora
DEU atmosphärisches Spektrum

atmospheric structure
BT terrestrial atmosphere
RT atmospheric pressure
DEU atmosphärische Struktur

atmospheric techniques
BT geophysical techniques
terrestrial atmosphere
NT ionospheric techniques
SY *magnetospheric techniques*
PT geophysical techniques
RT air pollution control
air pollution measurement
anemometry
atmospheric measuring apparatus
laser Doppler anemometry
meteorological radar
millimetre wave radar
remote sensing
submillimetre wave radar
weather forecasting
DEU atmosphärische Technik

atmospheric temperature
BT temperature
terrestrial atmosphere
SY *air temperature*
UF *greenhouse effect / air pollution + atmospheric temperature + climatology*
UF *heat islands / atmospheric temperature + thermal pollution*
UF *urban heat islands / atmospheric temperature + thermal pollution*
RT atmospheric thermodynamics
El Nino Southern Oscillation
global warming
land surface temperature
ocean temperature
DEU Atmosphärentemperatur
DSY Temperatur der Atmosphäre

atmospheric thermodynamics
BT terrestrial atmosphere
thermodynamics
SY *atmospheric energetics*
RT atmospheric movements
atmospheric temperature
DEU atmosphärische Thermodynamik
DSY Thermodynamik der Atmosphäre

atmospheric turbulence
BT atmospheric movements
turbulence
SY *turbulence, atmospheric*
PT atmospheric movements
turbulence
RT atmospheric boundary layer
DEU atmosphärische Turbulenz

atmospheric water vapour
USE atmospheric humidity

atmospheric waves
BT atmospheric movements
PT atmospheric movements
RT atmospheric electromagnetic wave propagation
gravity waves
plasma waves
Rossby waves
DEU atmosphärische Welle

atmospheric wind
USE wind

atmospherics
BT radiofrequency interference
terrestrial atmosphere
SY *atmospheric noise*
dawn chorus

sferics
static (atmospherics)
strays (atmospherics)
RT atmospheric electromagnetic wave propagation
atmospheric radiation
lightning
noise
radio reception
radiowave propagation
whistlers
DEU atmosphärische Störung

ATMS
USE truth maintenance

Atom
DEU for atoms

atom lasers
BT lasers
SY *atomic lasers*
single atom lasers
PT laser theory
RT atom optics
atom-photon collisions
atomic beams
Bose-Einstein condensation
gas lasers
Jaynes-Cummings model
laser cooling
laser theory
quantum optics
radiation pressure
DEU Atomlaser

atom optics
BT particle optics
UF *atomic interferometry / atom optics + particle interferometry*
SY *atomic optics*
PT particle optics
RT atom lasers
atom-photon collisions
atomic beams
laser cooling
particle interferometry
quantum optics
radiation pressure
DEU Atomoptik

atom probe field ion microscopy
BT field emission ion microscopy
mass spectroscopic chemical analysis
mass spectroscopy
SY *APFIM*
field ion microscopy, atom-probe
FIM, atom-probe
PT field emission ion microscopy
mass spectroscopic chemical analysis
mass spectroscopy
time of flight spectra
DEU Atomsonden-Feldionenmikroskopie
DSY Atomsondenfeldionenmikroskopie

atom-atom collisions
BT atomic collisions
PT atomic collision processes
RT atom-atom reactions
atomic forces
DEU Atom-Atom-Zusammenstoß

atom-atom reactions
BT chemical reactions
PT atom-atom collisions
chemical reactions
RT association (chemical)
atom-atom collisions
DEU Atom-Atom-Reaktion

Atom-Atom-Reaktion
DEU for atom-atom reactions

Atom-Atom-Zusammenstoß
DEU for atom-atom collisions

Atom-Cluster
DEU for atomic clusters

atom-electron collisions
BT atomic collisions
electron collisions
UF *atomic electron impact excitation / atom-electron collisions + electron impact excitation*
UF *atomic electron impact ionisation / atom-electron collisions + electron impact ionisation*
SY *atomic electron scattering*
UF *e, 2e reactions (atoms) / atom-electron collisions + electron impact ionisation*
SY *electron-atom collisions*
PT atomic electron impact excitation
atomic electron impact ionisation
elastic scattering of electrons by atoms and molecules
RT electron impact excitation
electron impact ionisation
DEU Atom-Elektron-Zusammenstoß

Atom-Elektron-Zusammenstoß
DEU for atom-electron collisions

atom-ion collisions
BT atomic collisions
SY *ion-atom collisions*
UF *ion-ion collisions / atom-ion collisions + heavy ion-nucleus scattering + ion-molecule collisions*
PT atomic collision processes
RT atom-ion reactions
charge exchange
DEU Atom-Ion-Zusammenstoß
DSY Atom-Ionen-Zusammenstoß

atom-ion reactions
BT chemical reactions
UF *ion-ion reactions / atom-ion reactions + heavy ion-nucleus reactions + ion-molecule reactions*
PT atom-ion collisions
chemical reactions
RT atom-ion collisions
DEU Atom-Ion-Reaktion

Atom-Ion-Reaktion
DEU for atom-ion reactions

Atom-Ion-Zusammenstoß
DEU for atom-ion collisions

Atom-Ionen-Zusammenstoß
DUS für atom-ion collisions

atom-molecule collisions
BT atomic collisions
molecular collisions
SY *molecule-atom collisions*
PT atomic collision processes
molecular collision processes
RT atom-molecule reactions
atomic beams
molecular beams
rotational-vibrational energy transfer
DEU Atom-Molekül-Zusammenstoß

atom-molecule reactions
BT chemical reactions
SY *molecule-atom reactions*
PT chemical reactions
RT atom-molecule collisions
atomic beams
molecular beams
rotational-vibrational energy transfer
DEU Atom-Molekül-Reaktion

Atom-Molekül-Reaktion
DEU for atom-molecule reactions

Atom-Molekül-Zusammenstoß
DEU for atom-molecule collisions

atom-muon collisions
BT atomic collisions
PT atomic inelastic collisions
elastic scattering of atoms and molecules
RT muon catalysed fusion
muonic atoms
DEU Atom-Muon-Zusammenstoß

Atom-Muon-Zusammenstoß
DEU for atom-muon collisions

atom-neutron collisions
BT atomic collisions
PT atomic inelastic collisions
elastic scattering of atoms and molecules
RT neutron diffraction
DEU Atom-Neutron-Zusammenstoß

Atom-Neutron-Zusammenstoß
DEU for atom-neutron collisions

Atom-Oberflächen-Stoß
DEU for atom-surface impact

atom-photon collisions
BT atomic collisions
photon collisions
RT atom lasers
atom optics
dark states
dressed states
Jaynes-Cummings model
photoexcitation
photoionisation
DEU Atom-Photon-Zusammenstoß

Atom-Photon-Zusammenstoß
DEU for atom-photon collisions

atom-positron collisions
BT atomic collisions
positron collisions
SY *atomic positron scattering*
UF *electron-positron interactions (atomic physics) / atom-positron collisions + positron annihilation*
SY *positron scattering (atoms)*
positron-atom collisions
PT atomic electron impact excitation
atomic electron impact ionisation

elastic scattering of electrons by atoms and molecules
positron annihilation in atoms
RT positron annihilation
positron impact excitation
positron impact ionisation
DEU Atom-Positron-Zusammenstoß

Atom-Positron-Zusammenstoß
DEU for atom-positron collisions

atom-surface impact
BT atomic collisions
surface collisions
SY *surface-atomic beam collisions*
PT collision processes
surface phenomena
RT atomic beams
sputtering
DEU Atom-Oberflächen-Stoß

Atomabsorptions-Spektroskopie
DEU for atomic absorption spectroscopy

Atomabsorptionsspektrometrie
DUS für atomic absorption spectroscopy

Atomabsorptionsspektroskopie
DUS für atomic absorption spectroscopy

Atomanlagenaußerbetriebnahme
DEU for nuclear facility decommissioning

Atomanlagenregulierung
DEU for nuclear facility regulation

atomare Bindungsenergie
DEU for nuclear binding energy

atomare Elektronik
DEU for nuclear electronics

atomare Explosion
DEU for nuclear explosions

atomare Kaskade
DEU for nuclear cascades

atomare kritische Sicherheit
DEU for nuclear criticality safety

atomare Masse
DEU for atomic mass

atomare Materie
DEU for nuclear matter

atomare Strahlung
DEU for atomic beams

atomare Technik
DEU for nuclear engineering

atomare Wiederaufbereitungsanlage
DEU for nuclear fuel cycle facilities

atomare Zerfallstheorie
DEU for nuclear decay theory

atomarer Elektroneneinfang
DEU for nuclear electron capture

atomarer Energieniveauübergang
DEU for nuclear energy level transitions

atomarer Impuls
DEU for atomic moments

atomarer Kollektivzustand
DEU for nuclear collective states

atomarer Overhauser-Effekt
DEU for nuclear Overhauser effect

atomarer Spin-polarisierter Wasserstoff
DEU for spin polarised atomic hydrogen

atomarer Zerfall durch Schwerionenemission
DEU for nuclear decay by heavy ion emission

atomarer Zusammenstoß
DEU for atomic collisions

atomares Anregungsmodell
DEU for nuclear exciton model

atomares Clustermodell
DEU for nuclear cluster model

atomares elektrisches Moment
DEU for nuclear electric moment

atomares Energieniveau
DEU for nuclear energy levels

atomares Exziton-Modell
DUS für nuclear exciton model

atomares Kollektivmodell
DEU for nuclear collective model

atomares Moment
DUS für atomic moments

atomares Schalenmodell
DEU for nuclear shell model

atomares Spaltprodukt
DEU for fission products

atomares Teilungsverhältnis
DEU for nuclear branching ratios

atomares Verschränkungsmodell
DEU for nuclear cranking model

Atombatterie
DEU for radioisotope thermoelectric generators

Atombindungsenergie
DUS für nuclear binding energy

Atombombenziel
DEU for nuclear bombardment targets

Atomchemie
DEU for nuclear chemistry

atomchemische Analyse
DEU for nuclear chemical analysis

atomchemische Untersuchung
DUS für nuclear chemical analysis

Atomclustermodell
DUS für nuclear cluster model

Atomdichte
DEU for nuclear density

Atomemissions-Spektroskopie
DEU for atomic emission spectroscopy

Atomemissionsspektroskopie
DUS für atomic emission spectroscopy

Atomenergieniveau
DUS für nuclear energy levels

Atomenergieniveauübergang
DUS für nuclear energy level transitions

Atomenergietechnik
DUS für nuclear engineering

Atomexplosion
DUS für nuclear explosions

Atomfeldtheorie
DEU for nuclear field theory

atomic absorption spectroscopy
BT spectrochemical analysis
spectroscopy
PT spectrochemical analysis
DEU Atomabsorptions-Spektroskopie
DSY Atomabsorptionsspektrometrie
Atomabsorptionsspektroskopie

atomic beam electric resonance
BT resonance
PT resonance
RT atomic beams
DEU Atomstrahlenelektroresonanz
DSY Atomstrahlungselektroresonanz
Kernstrahlenelektroresonanz
Kernstrahlungselektroresonanz

atomic beam magnetic resonance
BT magnetic resonance
SY *ABMR (atomic beam magnetic resonance)*
PT magnetic resonance
RT atomic beams
DEU Atomstrahlenmagnetresonanz
DSY Atomstrahlungsmagnetresonanz
Kernstrahlenmagnetresonanz
Kernstrahlungsmagnetresonanz

atomic beams
BT atoms
particle beams
RT atom lasers
atom optics
atom-molecule collisions
atom-molecule reactions
atom-surface impact
atomic beam electric resonance
atomic beam magnetic resonance
atomic collisions
particle optics
particle velocity analysis
plasma-beam interactions
rarefied fluid dynamics
DEU atomare Strahlung
DSY Atomstrahl
Atomstrahlung
Kernstrahl
Kernstrahlung
nukleare Strahlung

atomic clocks
BT clocks
SY *ammonia clocks*
caesium clocks
cesium clocks
maser clocks
RT frequency measurement
frequency meters
frequency standards
masers
measurement standards
time measurement
DEU Atomuhr

atomic clusters
BT atoms
SY *clusters, atomic*
RT association (chemical)
atomic forces
fullerene compounds
fullerenes
metal clusters
DEU Atom-Cluster

atomic collisions
BT collision processes
NT atom-atom collisions
atom-electron collisions
atom-ion collisions
atom-molecule collisions
atom-muon collisions
atom-neutron collisions
atom-photon collisions
atom-positron collisions
atom-surface impact
SY *atomic elastic collisions*
atomic inelastic collisions
PT atomic inelastic collisions
elastic scattering of atoms and molecules
RT atomic beams
beam-foil spectra
ionisation
DEU atomarer Zusammenstoß

atomic configuration interactions
USE configuration interactions

atomic elastic collisions
USE atomic collisions

atomic electric moment
USE atomic moments

atomic electron correlations
USE electron correlations

atomic electron impact excitation
USE atom-electron collisions
\+ electron impact excitation

atomic electron impact ionisation
USE atom-electron collisions
\+ electron impact ionisation

atomic electron scattering
USE atom-electron collisions

atomic emission spectroscopy
BT spectrochemical analysis
spectroscopy
SY *atomic fluorescence spectroscopy*
PT spectrochemical analysis
DEU Atomemissions-Spektroskopie
DSY Atomemissionsspektroskopie
Emissionsspektrometrie

atomic energy
USE nuclear power

atomic excited states
USE excited states

atomic explosions
USE nuclear explosions

atomic fine structure
USE fine structure

atomic fluorescence
USE fluorescence

atomic fluorescence spectroscopy
USE atomic emission spectroscopy

atomic force microscopy
BT scanning probe microscopy
SY *AFM*
scanning force microscopy
PT microscopy
RT electron microscopy
magnetic force microscopy
nanotechnology
near-field scanning optical microscopy
optical microscopy
scanning tunnelling microscopy
surface structure
DEU Rasterkraftmikroskopie

atomic forces
BT atoms
SY *atomic interaction potential*
atomic potentials
Chen potential

PT atomic collision processes
RT atom-atom collisions
atomic clusters
force
intramolecular forces
intramolecular mechanics
potential energy functions
quasimolecules
DEU Atomkraft
DSY Kernkraft
nukleare Kraft

atomic hyperfine structure
USE hyperfine structure

atomic inelastic collisions
USE atomic collisions

atomic interaction potential
USE atomic forces

atomic interferometry
USE atom optics
+ particle interferometry

atomic lasers
USE atom lasers

atomic layer deposition
BT vapour deposition
NT atomic layer epitaxial growth
PT atomic layer epitaxial growth
chemical vapour deposition
RT chemical vapour deposition
DEU Atomschichtabscheidung

atomic layer epitaxial growth
BT atomic layer deposition
vapour phase epitaxial growth
SY *ALE*
MLE growth
molecular layer epitaxial growth
PT vapour phase epitaxial growth
RT chemical vapour deposition
DEU Atomschichtepitaxialwachstum

atomic magnetic moment
USE atomic moments

atomic mass
BT atoms
mass
SY *atomic weight*
weight, atomic
RT isotopes
mass spectra
nuclear mass
DEU atomare Masse
DSY Atommasse

atomic metastable states
USE metastable states

atomic moments
BT atoms
SY *atomic electric moment*
atomic magnetic moment
moments (atoms)
PT atomic electric moment
atomic magnetic moment
RT electric moments
magnetic moments
polarisability
quadrupole moments
DEU atomarer Impuls
DSY atomares Moment

atomic optics
USE atom optics

atomic orbitals calculations
USE orbital calculations

atomic photoexcitation
USE photoexcitation

atomic photoionisation
USE photoionisation

atomic polarisability
USE polarisability

atomic positron scattering
USE atom-positron collisions

atomic potentials
USE atomic forces

atomic power
USE nuclear power

atomic reactors
USE fission reactors
+ nuclear reactors

atomic resonant states
USE resonant states

atomic spectral line formation
USE radiative transfer

atomic structure
BT atoms
electronic structure
SY *Condon Shortley coefficient*
electronic structure, atomic
energy levels, atomic

form factors, atomic
Gaunt coefficient
internal mechanics of atoms
orbitals, atomic
Sinanoglu's theory
UF *Weizsacker term / atomic structure + molecular electronic states*
RT ab initio calculations
configuration interactions
electron correlations
excited states
fine structure
ground states
HF calculations
hyperfine structure
isoelectronic series
nuclear screening
orbital calculations
polarisability
pseudopotential methods
Russell-Saunders coupling
SCF calculations
spectra (general)
Thomas-Fermi model
WKB calculations
DEU Atomstruktur

atomic structure, crystals
USE crystal structure

atomic transition probabilities
USE radiative lifetimes

atomic weight
USE atomic mass

atomisation
USE dissociation
\+ sprays

Atomkern
DEU for nucleus

Atomkern-Polarisation
DEU for nuclear polarisation

Atomkerndichte
DUS für nuclear density

Atomkerne mit einer Massezahl von 1 bis 5
DEU for nuclei with mass number 1 to 5

Atomkerne mit einer Massezahl von 150 bis 189
DEU for nuclei with mass number 150 to 189

Atomkerne mit einer Massezahl von 190 bis 219
DEU for nuclei with mass number 190 to 219

Atomkerne mit einer Massezahl von 20 bis 38
DEU for nuclei with mass number 20 to 38

Atomkerne mit einer Massezahl von 220 oder höher
DEU for nuclei with mass number 220 or higher

Atomkerne mit einer Massezahl von 39 bis 58
DEU for nuclei with mass number 39 to 58

Atomkerne mit einer Massezahl von 59 bis 89
DEU for nuclei with mass number 59 to 89

Atomkerne mit einer Massezahl von 6 bis 19
DEU for nuclei with mass number 6 to 19

Atomkerne mit einer Massezahl von 90 bis 149
DEU for nuclei with mass number 90 to 149

Atomkernenergieniveau
DUS für nuclear energy levels

Atomkerngröße
DEU for nuclear size

Atomkernmasse
DEU for nuclear mass

Atomkernreaktionstheorie
DEU for nuclear reaction theory

Atomkernresonanz
DEU for nuclear resonances

Atomkernresonanzreaktion
DEU for nuclear resonance reactions

Atomkernresonanzstreuung
DEU for nuclear resonance scattering

Atomkernspin
DEU for nuclear spin

Atomkernsplitterung
DEU for nuclear spallation

Atomkernsynthese
DEU for nucleosynthesis

Atomkernzerfall durch Schwerionenemission
DUS für nuclear decay by heavy ion emission

Atomkernzerfallstheorie
DUS für nuclear decay theory

Atomkernzerlegung
DEU for nuclear fragmentation

Atomkernzertrümmerung
DUS für nuclear fragmentation

Atomkollektivmodell
DUS für nuclear collective model

Atomkollektivzustand
DUS für nuclear collective states

Atomkraft
DEU for atomic forces

Atomkraftwerk
DEU for nuclear power stations

Atomkraftwerksaußerbetriebssetzung
DUS für nuclear facility decommissioning

Atomkraftwerksstilllegung
DUS für nuclear facility decommissioning

Atomladung
DEU for nuclear charge

Atomlaser
DEU for atom lasers

atommagnetisches Moment
DEU for nucleon magnetic moment

Atommagnetismus
DEU for nuclear magnetism

Atommasse
DUS für atomic mass
nuclear mass

Atommaterie
DUS für nuclear matter

Atommodell
DEU for nuclear models

Atomoptik
DEU for atom optics

Atomphasentransformation
DEU for nuclear phase transformations

Atomphysik
DEU for nuclear physics

Atomreaktor
DEU for nuclear reactors

Atomreaktorausstattung
DEU for nuclear reactor instrumentation

Atomreaktordampfgenerator
DEU for nuclear reactor steam generators

Atomreaktorinstrumentierung
DUS für nuclear reactor instrumentation

Atomreaktorqualitätssicherung
DEU for nuclear reactor quality assurance

Atomresonanz
DUS für nuclear resonances

Atomresonanzreaktion
DUS für nuclear resonance reactions

Atomresonanzstreuung
DUS für nuclear resonance scattering

atoms
NT atomic beams
atomic clusters
atomic forces
atomic mass
atomic moments
atomic structure
exotic atoms
helium neutral atoms
hydrogen neutral atoms
RT elements (chemical)
gyromagnetic ratio
ions
isoelectronic series
isotopes
molecules
nucleus
positronium
DEU Atom

Atomschalenmodell
DUS für nuclear shell model

Atomschichtabscheidung
DEU for atomic layer deposition

Atomschichtepitaxialwachstum
DEU for atomic layer epitaxial growth

Atomsonden-Feldionenmikroskopie
DEU for atom probe field ion microscopy

Atomsondenfeldionenmikroskopie
DUS für atom probe field ion microscopy

Atomspaltprodukt
DUS für fission products

Atomspaltreaktor
DEU for nuclear fission reactors

Atomspaltungsprodukt
DUS für fission products

Atomspin
DUS für nuclear spin

Atomspuremulsion
DEU for nuclear track emulsions

Atomstrahl
DUS für atomic beams

Atomstrahlenelektroresonanz
DEU for atomic beam electric resonance

Atomstrahlenmagnetresonanz
DEU for atomic beam magnetic resonance

Atomstrahlung
DUS für atomic beams

Atomstrahlungselektroresonanz
DUS für atomic beam electric resonance

Atomstrahlungsmagnetresonanz
DUS für atomic beam magnetic resonance

Atomstrom
DEU for nuclear power

Atomstruktur
DEU for atomic structure

Atomstrukturtheorie
DEU for nuclear structure theory

Atomtechnik
DUS für nuclear engineering

atomtechnische Instrumentierung
DEU for nuclear instrumentation

Atomteilungsverhältnis
DUS für nuclear branching ratios

Atomuhr
DEU for atomic clocks

Atomverschränkungsmodell
DUS für nuclear cranking model

Atomzerfallstheorie
DUS für nuclear decay theory

ATPG
USE automatic test pattern generation

ATR (spectra)
USE attenuated total reflection

attaching
USE joining processes

attenuated total reflection
BT light reflection
SY *ATR (spectra)*
PT reflectivity
RT Fourier transform spectra
infrared spectra
polaritons
reflectivity
DEU verminderte Totalreflexion

attenuation
USE absorption
+ dispersion (wave)
+ scattering
+ transmission

attenuation equalisers
USE equalisers

attenuation measurement
BT electric variables measurement
RT attenuators
loss measurement
losses
DEU Dämpfungsmessung

attenuators
BT networks (circuits)
NT optical attenuators
waveguide attenuators
RT attenuation measurement

shielding
DEU Dämpfungsglied (Schaltungstechnik)

attitude control
BT aerospace control
spatial variables control
UF *orientation control / attitude control + position control*
SY *spatial orientation control*
tilting control
PT aerospace control
position control
RT aircraft control
attitude measurement
missile control
position control
star trackers
trajectory control
trajectory optimisation (aerospace)
DEU Höhensteuerung

attitude measurement
BT spatial variables measurement
PT attitude control
position measurement
RT aerospace control
artificial satellites
attitude control
position measurement
star trackers
trajectory control
DEU Höhenmessung

attribute grammars
BT context-free grammars
PT grammars
DEU Attributgrammatik

Attributgrammatik
DEU for attribute grammars

Au (chemical element)
USE gold
DEU Au (chemisches Element)

Au (chemisches Element)
DEU for Au (chemical element)

AU Peg stars
USE variable stars

auctioning
USE commerce
\+ electronic commerce

auctions
USE commerce
\+ electronic commerce

audio acoustics
BT acoustics
RT audio equipment
audio recording
audio systems
hearing
sound reproduction
speech
DEU Audioakustik
DSY Gehörakustik
Gehörschall
Tonakustik

audio amplifiers
USE audio-frequency amplifiers

audio coding
BT audio signal processing
encoding (general)
PT audio signals
encoding (general)
RT audio recording
audio signals
audio streaming
audio watermarking
digital audio broadcasting
speech coding
watermarking
DEU Audiocodierung
DSY Toncodierung

audio conferencing
USE teleconferencing

audio databases
BT database management systems
PT database management systems
RT audio signal processing
database theory
multimedia databases
DEU Audiodatenbank
DSY Geräuschdatenbank
Hörspieldatenbank
Tondatenbank

audio discs
BT audio equipment
SY *CDs (audio)*
compact discs (audio)
digital audio discs
PT video and audio discs
RT audio recording
audio signals
CD-ROMs

digital versatile discs
disc storage
Hi-Fi equipment
DEU Audio-Disk
DSY Tondatenträger

audio equipment
NT audio discs
audio-frequency amplifiers
audio-frequency oscillators
auditory displays
Hi-Fi equipment
loudspeakers
magnetic tape equipment
microphones
pick-ups
SY *gramophones*
phonographs
RT acoustic devices
acoustic equipment
audio acoustics
audio recording
audio signal processing
audio signals
audio systems
consumer electronics
DEU Audioanlage
DSY Audioausrüstung
Audioeinrichtung
Audiogerät
Audiotechnik
Niederfrequenzgerät
Phonotechnik
Radiogerät
Rundfunkempfänger
Tonanlage
Tonausrüstung
Tonstudiogerät
Tonsystem
Tonwiedergabesystem

audio oscillators
USE audio-frequency oscillators

audio recording
BT recording
NT digital audio tape
RT acoustic devices
acoustic equipment
audio acoustics
audio coding
audio discs
audio equipment
audio signals
audio systems
audio tape recorders
audio-frequency amplifiers
digital magnetic recording
sound reproduction
studios
tape recorders
DEU Tonaufzeichnung

audio signal processing
BT audio signals
signal processing
NT audio coding
PT audio signals
signal processing
RT acoustic signal processing
audio databases
audio equipment
audio streaming
audio systems
audio user interfaces
audio watermarking
auditory displays
DEU Audiosignalverarbeitung
DSY Tonsignalverarbeitung

audio signals
BT signals
NT audio signal processing
RT audio coding
audio discs
audio equipment
audio recording
audio systems
audio tape recorders
audio-frequency amplifiers
audio-frequency oscillators
loudspeakers
sound reproduction
DEU Audiosignal

audio streaming
BT media streaming
PT media streaming
RT audio coding
audio signal processing
data compression
Internet
quality of service
video streaming
DEU Audio-Streaming
DSY Audioaufzeichnung und -
abspielung

audio systems
RT acoustic devices
acoustic equipment
audio acoustics
audio equipment
audio recording
audio signal processing
audio signals

audio-visual systems
auditory displays
digital audio tape
DEU Audiosystem

audio tape recorders
BT tape recorders
NT digital audio tape
SY *cassette tape recorders*
microcassette recorders
reel-to-reel tape recorders
PT tape recorders
RT audio recording
audio signals
Hi-Fi equipment
sound reproduction
DEU Tonbandgerät

audio user interfaces
BT user interfaces
SY *auditory icons*
PT audio signal processing
user interfaces
RT audio signal processing
multimedia computing
DEU Audio-Nutzer-Schnittstelle

audio watermarking
BT watermarking
PT audio coding
watermarking
RT audio coding
audio signal processing
copyright
data compression
data encapsulation
discrete wavelet transforms
wavelet transforms
DEU Audio-Wasserzeichenerzeugung

Audio-Disk
DEU for audio discs

audio-frequency amplifiers
BT amplifiers
audio equipment
SY *AF amplifiers*
audio amplifiers
high fidelity amplifiers
speech amplifiers
stereo amplifiers
RT audio recording
audio signals
hearing aids
Hi-Fi equipment
preamplifiers
radio receivers
sound reproduction
DEU Tonfrequenzverstärker

audio-frequency oscillators
BT audio equipment
oscillators
SY *AF oscillators*
audio oscillators
PT audio equipment
oscillators
RT audio signals
signal generators
signal sources
DEU Tonfrequenzoszillator

Audio-Nutzer-Schnittstelle
DEU for audio user interfaces

Audio-Streaming
DEU for audio streaming

audio-visual aids
USE audio-visual systems

audio-visual systems
SY *audio-visual aids*
PT audio systems
television systems
RT audio systems
educational aids
interactive video
technical presentation
DEU audiovisuelles System

Audio-Wasserzeichenerzeugung
DEU for audio watermarking

Audioakustik
DEU for audio acoustics

Audioanlage
DEU for audio equipment

Audioaufzeichnung und -abspielung
DUS für audio streaming

Audioausrüstung
DUS für audio equipment

Audiocodierung
DEU for audio coding

Audiodatenbank
DEU for audio databases

Audioeinrichtung
DUS für audio equipment

Audiogerät
DUS für audio equipment

Audiosignal
DEU for audio signals

Audiosignalverarbeitung
DEU for audio signal processing

Audiosystem
DEU for audio systems

Audiotechnik
DUS für audio equipment

audiovisuelles System
DEU for audio-visual systems

Audit
DEU for auditing

auditing
BT accounting
SY *DP audits*
UF *Sarbanes-Oxley Act / auditing + legislation*
PT accounts data processing
RT DP management
finance
DEU Audit

audition
USE hearing

auditory brainstem evoked potentials
USE auditory evoked potentials

auditory displays
BT audio equipment
display instrumentation
PT display instrumentation
RT audio signal processing
audio systems
computer displays
user interfaces
DEU Auditory-Display (Audiounterstützung)

auditory event related potentials
USE auditory evoked potentials

auditory evoked potentials
BT bioelectric potentials
hearing
SY *auditory brainstem evoked potentials*
auditory event related potentials
evoked potentials, auditory
PT bioelectric potentials
hearing
RT ear
neurophysiology
DEU akustisch angeregtes Potential
DSY akustisch angeregtes Potenzial
akustisch evoziertes Potential
akustisch evoziertes Potenzial

auditory icons
USE audio user interfaces

auditory perception
USE hearing
DEU akustische Wahrnehmung

Auditory-Display (Audiounterstützung)
DEU for auditory displays

Aufbereitungindustrie
DEU for quarrying industry

Aufbereitungsanlage (Kernbrennstoff)
DUS für nuclear fuel cycle facilities

Aufdampfbeschichten
DEU for vapour deposited coatings

Aufdampfen
DEU for vapor deposition

Aufdampfschicht
DUS für vapour deposited coatings

Aufgabenverteilung im Mehrprozessorsystem
DUS für processor scheduling

aufgeladene Oberfläche
DEU for potential energy surfaces

Aufhängung (mechanisches Element)
DEU for suspensions (mechanical components)

Aufklärungsradar
DEU for search radar

Aufkohlung
DEU for graphitising

Auflösen
DEU for dissolving

Auflösung
DUS für dissolving

Aufmachung
DEU for packaging

Aufnehmen (elektronisch)
DEU for recording

Aufreinigung (Chemie)
DEU for purification

Aufschmelzlöten
DEU for reflow soldering

Aufschrumpfen
DEU for shrink fitting

Aufschub
DEU for delays

Auftragmaschine
DEU for applicators

Auftragsabwicklung
DEU for order processing

Auftragsbearbeitung
DEU for order picking

Auftragseinplanung
DUS für job shop scheduling

Auftragsfertigung
DUS für job shop scheduling

Auftragsfertigungssystem
DEU for job production systems

auftragsorientierten Belegungsplanung
DUS für job shop scheduling

Auftragssteuerung
DUS für job shop scheduling

Auftragsterminwesen
DUS für job shop scheduling

Auftrieb
DEU for buoyancy

Aufzeichnung (elektronisch)
DUS für recording

Aufzug
DEU for lifts

Auge
DEU for eye

Augeninnendruck
DUS für pressure

Augenschutz
DEU for eye protection

Augentracking
DEU for gaze tracking

Auger deexcitation
USE Penning ionisation

Auger effect
BT electron emission
NT Auger electron spectra
Auger electron spectroscopy
UF *Auger recombination / Auger effect + electron-hole recombination*
SY *internal conversion in atoms*
RT autoionisation
core levels
inner-shell ionisation
photoionisation
preionisation
DEU Auger-Effekt

Auger electron spectra
BT Auger effect
electron spectra
UF *AES / Auger electron spectra + Auger electron spectroscopy*
SY *Auger spectra*
PT Auger effect
RT Auger electron spectroscopy
ESCA
photoelectron spectra
DEU Auger-Elektronenspektrum

Auger electron spectroscopy
BT Auger effect
electron spectroscopy
UF *AES / Auger electron spectra + Auger electron spectroscopy*
SY *Auger spectroscopy*
PT Auger effect
electron spectroscopy
RT Auger electron spectra
ESCA
photoelectron spectroscopy
DEU Auger-Elektronen-Spektroskopie
DSY Auger-Elektronenspektrometrie
Auger-Elektronenspektroskopie
Auger-Spektrometer

Auger recombination
USE Auger effect
+ electron-hole recombination

Auger showers
USE cosmic ray showers

Auger spectra
USE Auger electron spectra

Auger spectroscopy
USE Auger electron spectroscopy

Auger-Effekt
DEU for Auger effect

Auger-Elektronen-Spektroskopie
DEU for Auger electron spectroscopy

Auger-Elektronenspektrometrie
DUS für Auger electron spectroscopy

Auger-Elektronenspektroskopie
DUS für Auger electron spectroscopy

Auger-Elektronenspektrum
DEU for Auger electron spectra

Auger-Spektrometer
DUS für Auger electron spectroscopy

augmented plane wave calculations
USE APW calculations

augmented reality
BT virtual reality
PT virtual reality
RT image processing
interactive devices
DEU erweiterte virtuelle Realität

aurora
BT upper atmosphere
RT airglow
atmospheric electricity
atmospheric elementary particle precipitation
atmospheric ion precipitation
atmospheric optics
atmospheric spectra
ionosphere
sky brightness
DEU Aurora (Leuchterscheinung)

Aurora (Leuchterscheinung)
DEU for aurora

Ausbildertraining
DEU for teacher training

Ausbildung
DEU for education

Ausbildung in Informationswissenschaften
DEU for information science education

Ausbildungseinrichtung
DEU for educational institutions

Ausbildungshilfsmittel
DEU for educational aids

Ausbildungsinstitut
DUS für educational institutions

Ausbildungskurs
DEU for educational courses

Ausbildungsmethode
DEU for educational technology

Ausbildungsroboter
DEU for educational robots

Ausbildungstechnik
DUS für educational technology

Ausbildungstechnologie
DUS für educational technology

Ausbildungsverfahren
DUS für educational technology

Ausbreitung von Ultraschall
DUS für ultrasonic propagation

Ausdehnungsarmatur
DEU for expansion fitting

Ausfällung
DEU for precipitation

Ausfällung (physikalische Chemie)
DUS für precipitation (physical chemistry)

Ausflocken
DEU for flocculation

Ausgangsphasenabweichung
DUS für aberrations

Ausgasen
DEU for outgassing

ausgedehntes Objekt
DEU for extended objects

ausgeglichener Handel
DEU for commodity trading

Ausgleich
DEU for compensation

Aushärten
DEU for curing

Aushärtung
DUS für hardening

Ausheilen (Material)
DEU for annealing

Ausheilen (Werkstoff)
DUS für annealing

Ausheizen (Material)
DUS für annealing

Ausheizen (Werkstoff)
DUS für annealing

Auskleidung
DEU for linings

Auslasssystem
DUS für exhaust systems

Auslaugen
DEU for leaching

Auslaugung
DUS für leaching

Ausleger
DEU for cantilevers

Auslenkung
DEU for elongation

Ausnahmenbehandlung
DEU for exception handling

Auspreisung
DUS für pricing

Ausrüstung
DEU for machinery

Ausrüstung zum Hartlöten
DUS für brazing equipment

Ausrüstungsbewertung
DEU for equipment evaluation

Ausrüstungsmittel
DEU for retardants

Ausschaltreaktion
DEU for knock-out reactions

Ausscheidung (Werkstofftechnik)
DUS für precipitation

Ausscheidungshärten
DEU for precipitation hardening

Ausschneiden
DEU for blanking

Ausschreibung
DEU for tendering

Außendruck
DUS für pressure

Außerbetriebnahme nuklearer Anlagen
DUS für nuclear facility decommissioning

außergewöhnliche Abschreibung
DUS für depreciation

außerirdische Atmosphäre
DEU for extraterrestrial atmospheres

außerirdisches Leben
DEU for extraterrestrial life

außerordentliches Störsystem
DEU for singularly perturbed systems

außerplanmäßige Abschreibung
DUS für depreciation

Ausstattungsbestimmung
DEU for facility location

Ausstellung
DEU for exhibitions

Ausströmung
DEU for effusion

Austauschmodell
DEU for exchange models

Austauschnorm
DEU for transfer standards

Austauschrate
DEU for exchange rates

Austauschwechselwirkung (Elektron)
DEU for exchange interactions (electron)

austempering
BT heat treatment
PT heat treatment
DEU isothermisches Bainitumwandeln

austenitic stainless steel
BT austenitic steel
stainless steel
PT steel
DEU nichtrostender austenitischer Stahl

austenitic steel
BT steel
NT austenitic stainless steel
PT steel
DEU austenitischer Stahl

austenitischer Stahl
DEU for austenitic steel

austenitising
USE heat treatment

Austin model 1
USE AM1 calculations

Austrittsenergie
DEU for work function

authentication protocols
USE cryptographic protocols

Authentifizierung
DEU for authorisation

authoring languages
BT high level languages
NT Perl
SY *scripting languages*
PT computer aided instruction
RT application generators
authoring systems
computer aided instruction
Java
DEU Entwurfssprache (Programmierung)

authoring systems
BT software tools
PT software tools
RT authoring languages
computer aided instruction
courseware
hypermedia
multimedia systems
Web design
DEU Texteditor
DSY Textprozessor
Textverarbeitungssoftware

authorisation
BT security of data
SY *access control (computers)*
authorization
PT security of data
RT biometrics (access control)
computer network security
conditional access
data protection
firewalls
handwriting recognition
message authentication
trusted computing
DEU Authentifizierung
DSY Authorisierung

Authorisierung
DUS für authorisation

authorization
USE authorisation

Autler-Townes effect
USE Stark effect

autoalignment model
USE Hanle effect

Autoantenne
DEU for mobile antennas

autoepistemic reasoning
USE nonmonotonic reasoning

autoionisation
BT ionisation
SY *autoionization*
PT ionisation
RT Auger effect
inner-shell ionisation
preionisation
DEU Selbstionisation

autoionization
USE autoionisation

automata theory
BT computation theory
NT deterministic automata
finite automata
probabilistic automata
self-reproducing automata
sequential machines
stochastic automata
Turing machines
RT adaptive systems
artificial intelligence
cognitive systems
computers
cybernetics
equivalence classes
formal logic
heuristic programming
learning systems
Petri nets
probabilistic logic
robots
switching theory
DEU Automatentheorie

automated highways
USE intelligent transportation systems

automated storage and retrieval systems
USE storage automation
DEU automatisiertes Speicher- und Recherchesystem

Automatentheorie
DEU for automata theory

automatic call distribution systems
USE automatic telephone systems
DEU automatisches Anrufverteilungssystem

automatic control
DEU automatische Kontrolle
DSY automatische Regelung
automatische Steuerung
automatische Steuerung und Regelung
automatisierte Kontrolle
automatisierte Regelung
automatisierte Steuerung
automatisierte Steuerung und Regelung

automatic frequency control
BT frequency control
SY *AFC*
PT frequency control
RT automatic gain control
oscillators
phase locked loops
receivers
transceivers
transmitters
tuning
DEU automatische Frequenzsteuerung
DSY automatisierte Frequenzsteuerung

automatic gain control
BT gain control
SY *AGC*
PT gain control
RT amplifiers
automatic frequency control
receivers
transceivers
transmitters
tuning
DEU automatische Verstärkerregelung
DSY automatische Verstärkersteuerung
automatische Verstärkungsregelung
automatische Verstärkungssteuerung
automatisierte Verstärkerregelung
automatisierte Verstärkersteuerung
automatisierte Verstärkungsregelung
automatisierte Verstärkungssteuerung

automatic guided vehicles
BT vehicles
SY *AGV*
PT computerised materials handling vehicles
RT industrial robots
materials handling
mobile robots
telerobotics
DEU automatisch geführtes Fahrzeug
DSY automatische Fahrzeugführung
automatisiert geführtes Fahrzeug
automatisierte Fahrzeugführung

automatic meter reading
BT telemetry
NT smart meters
SY *AMR*
PT power system measurement
telemetry

RT flowmeters
power consumption
power measurement
power meters
power system measurement
tariffs
watthour meters
DEU automatische Zählerablesung
DSY automatische Zählerauslesung
automatisierte Zählerablesung
automatisierte Zählerauslesung
Zählerableseautomatisierung
Zählerausleseautomatisierung

automatic optical inspection
BT inspection
SY *AOI*
PT inspection
RT automatic testing
computer vision
printed circuit testing
DEU automatische optische Inspektion
DSY automatisierte optische Inspektion
optische automatische Inspektion
optische automatisierte Inspektion

automatic programming
BT programming
SY *program generators*
programming by demonstration
programming by example
programming, automatic
PT programming
RT application generators
DEU automatische Programmierung
DSY automatisierte Prgrammierung

automatic repeat request
BT telecommunication
SY *ARQ*
decision feedback communication
PT protocols
RT data communication
error detection
error detection codes
protocols
DEU automatische Wiederholungsaufforderung
DSY automatisierte Wiederholungsaufforderung

automatic telephone systems
BT telephone equipment
NT call centres
SY *ACD systems*
automatic call distribution systems
RT computer telephony integration
electronic switching systems
telephony
DEU automatisches Fernsprechsystem
DSY automatisches Telefonsystem
automatisiertes Fernsprechsystem
automatisiertes Telefonsystem

automatic teller machines
BT EFTS
PT EFTS
RT bank data processing
banking
computer networks
point of sale systems
DEU automatische Kassenmaschine
DSY automatisches Kassensystem
automatisches Kassiermaschine
automatisches Kassiersystem
automatisierte Kassenmaschine
automatisierte Kassiermaschine
automatisiertes Kassensystem
automatisiertes Kassiersystem
Kassenautomat

automatic test equipment
BT computerised instrumentation
test equipment
SY *computerised test equipment*
RT automatic test pattern generation
automatic test software
automatic testing
logic analysers
portable instruments
quality control
reliability
testing
virtual instrumentation
DEU automatische Prüfausrüstung
DSY automatische Testausrüstung
automatisierte Prüfausrüstung
automatisierte Testausrüstung
Prüfautomat
Testautomat

automatic test pattern generation
BT automatic testing
SY *ATPG*
PT automatic test equipment
automatic test software
automatic testing
RT automatic test equipment
automatic test software
design for testability
fault diagnosis
integrated circuit testing
logic CAD
logic testing

DEU automatische Prüfmustererzeugung
DSY automatische Testmustererzeugung
automatisierte Prüfmustererzeugung
automatisierte Testmustererzeugung

automatic test software
BT automatic testing
computer software
electrical engineering computing
PT automatic test equipment
automatic testing
RT automatic test equipment
automatic test pattern generation
computerised instrumentation
electronic engineering computing
DEU automatische Prüfsoftware
DSY automatische Testsoftware
automatisierte Prüfsoftware
automatisierte Testsoftware

automatic testing
BT testing
NT automatic test pattern generation
automatic test software
SY *self testing*
RT automatic optical inspection
automatic test equipment
boundary scan testing
built-in self test
design for testability
quality control
reliability
DEU automatische Prüfung
DSY automatischer Test
automatisierte Prüfung
automatisierte Test

automation
NT branch automation
centralised control
decentralised control
distributed control
factory automation
home automation
library automation
materials handling
office automation
power system control
programmed control
robots
social aspects of automation
storage automation
telecommunication control
transport control
warehouse automation
RT computerised control
information technology
DEU Automatisierung

automation, social aspects
USE social aspects of automation

automatisch geführtes Fahrzeug
DEU for automatic guided vehicles

automatische Fahrzeugführung
DUS für automatic guided vehicles

automatische Frequenzsteuerung
DEU for automatic frequency control

automatische Kassenmaschine
DEU for automatic teller machines

automatische Kontrolle
DEU for automatic control

automatische optische Inspektion
DEU for automatic optical inspection

automatische Programmierung
DEU for automatic programming

automatische Prüfausrüstung
DEU for automatic test equipment

automatische Prüfmustererzeugung
DEU for automatic test pattern generation

automatische Prüfsoftware
DEU for automatic test software

automatische Prüfung
DEU for automatic testing

automatische Regelung
DUS für automatic control

automatische Steuerung
DUS für automatic control

automatische Steuerung und Regelung
DUS für automatic control

automatische Testausrüstung
DUS für automatic test equipment

automatische Testmustererzeugung
DUS für automatic test pattern generation

automatische Testsoftware
DUS für automatic test software

automatische Umspannstation
DEU for substation automation

automatische Verstärkerregelung
DEU for automatic gain control

automatische Verstärkersteuerung
DUS für automatic gain control

automatische Verstärkungsregelung
DUS für automatic gain control

automatische Verstärkungssteuerung
DUS für automatic gain control

automatische Wiederholungsaufforderung
DEU for automatic repeat request

automatische Zählerablesung
DEU for automatic meter reading

automatische Zählerauslesung
DUS für automatic meter reading

automatischer Test
DUS für automatic testing

automatisches Anrufverteilungssystem
DEU for automatic call distribution systems

automatisches Fernsprechsystem
DEU for automatic telephone systems

automatisches Kassensystem
DUS für automatic teller machines

automatisches Kassiermaschine
DUS für automatic teller machines

automatisches Kassiersystem
DUS für automatic teller machines

automatisches Pressen
DUS für pressing

automatisches Telefonsystem
DUS für automatic telephone systems

automatisiert geführtes Fahrzeug
DUS für automatic guided vehicles

automatisierte Fahrzeugführung
DUS für automatic guided vehicles

automatisierte Frequenzsteuerung
DUS für automatic frequency control

automatisierte Kassenmaschine
DUS für automatic teller machines

automatisierte Kassiermaschine
DUS für automatic teller machines

automatisierte Kontrolle
DUS für automatic control

automatisierte optische Inspektion
DUS für automatic optical inspection

automatisierte Prgrammierung
DUS für automatic programming

automatisierte Prüfausrüstung
DUS für automatic test equipment

automatisierte Prüfmustererzeugung
DUS für automatic test pattern generation

automatisierte Prüfsoftware
DUS für automatic test software

automatisierte Prüfung
DUS für automatic testing

automatisierte Regelung
DUS für automatic control

automatisierte Steuerung
DUS für automatic control

automatisierte Steuerung und Regelung
DUS für automatic control

automatisierte Test
DUS für automatic testing

automatisierte Testausrüstung
DUS für automatic test equipment

automatisierte Testmustererzeugung
DUS für automatic test pattern generation

automatisierte Testsoftware
DUS für automatic test software

automatisierte Verstärkerregelung
DUS für automatic gain control

automatisierte Verstärkersteuerung
DUS für automatic gain control

automatisierte Verstärkungsregelung
DUS für automatic gain control

automatisierte Verstärkungssteuerung
DUS für automatic gain control

automatisierte Wiederholungsaufforderung
DUS für automatic repeat request

automatisierte Zählerablesung
DUS für automatic meter reading

automatisierte Zählerauslesung
DUS für automatic meter reading

automatisiertes Fernsprechsystem
DUS für automatic telephone systems

automatisiertes Kassensystem
DUS für automatic teller machines

automatisiertes Kassiersystem
DUS für automatic teller machines

automatisiertes Speicher- und Recherchesystem
DEU for automated storage and retrieval systems

automatisiertes Telefonsystem
DUS für automatic telephone systems

Automatisierung
DEU for automation

Automobil
DEU for automobiles

Automobilbau
DEU for automobile manufacture

Automobilbauteil
DEU for automotive components

Automobilbestandteil
DUS für automotive components

automobile electronics
USE automotive electronics

automobile engineering
USE automotive engineering

automobile industry
BT manufacturing industries
SY *motor industry*
RT automobile manufacture
automobiles
automotive electronics
automotive engineering
DEU Automobilindustrie
DSY Fahrzeugbau
Fahrzeugindustrie
Kraftfahrzeugbau
Kraftfahrzeugindustrie

automobile manufacture
BT manufacture
PT automobile industry
RT automobile industry
automotive engineering
automotive materials
DEU Automobilbau
DSY Automobilfertigung
Automobilherstellung
Automobilproduktion

automobile materials
USE automotive materials

automobile parts
USE automotive components

Automobilelektrik
DEU for automotive electrics

Automobilelektronik
DEU for automotive electronics

automobiles
BT road vehicles
SY *cars (vehicles)*
motor cars
PT road vehicles
RT automobile industry
automotive components
automotive electronics
automotive engineering
automotive materials
road traffic
road traffic control
silencers
DEU Automobil
DSY Kfz
Kraftfahrzeug
Lkw
Pkw

Automobilfertigung
DUS für automobile manufacture

Automobilherstellung
DUS für automobile manufacture

Automobilindustrie
DEU for automobile industry

Automobilmaterial
DEU for automotive materials

Automobilproduktion
DUS für automobile manufacture

Automobiltechnik
DEU for automotive engineering

Automobilwechselstromgenerator
DUS für AC generators

Automobilwerkstoff
DUS für automotive materials

automotive components
BT manufactured products
UF *air bags / aerospace engineering + automotive components + explosive actuated equipment + inflatable structures + road safety*
UF *airfoils / aerodynamics + aerospace components + automotive components*
SY *automobile parts*
UF *radiators (automotive) / automotive components + cooling*
UF *starter motors (automotive) / automotive components + DC motors + starting*
UF *windscreen wipers / automotive components + cleaning + optical windows + windows (construction)*
UF *windscreens / aerospace materials + automotive components + optical windows + windows (construction)*
UF *windshield wipers / automotive components + cleaning + optical windows + windows (construction)*
UF *windshields / aerospace materials + automotive components + optical windows + windows (construction)*
RT automobiles
automotive electronics
automotive engineering
automotive materials
axles
brakes
gears
hoses
internal combustion engines
seats
shock absorbers
steering systems
suspensions (mechanical components)
torque convertors
tyres
wheels
DEU Automobilbauteil
DSY Automobilbestandteil
Fahrzeugbauteil
Fahrzeugbestandteil

automotive electrics
BT automotive engineering
electrical engineering
SY *automotive power supplies*
vehicle electrics
RT automotive electronics
electric ignition
electric propulsion
traction motors
vehicles
wiring
DEU Automobilelektrik
DSY Fahrzeugelektrik
Kraftfahrzeugelektrik

automotive electronics
BT automotive engineering
electronic engineering
SY *automobile electronics*
PT automobiles
RT automobile industry
automobiles
automotive components
automotive electrics
driver information systems
electric ignition
glow plugs
internal combustion engines
on-board communications
road vehicle radar
road vehicles
spark plugs
DEU Automobilelektronik
DSY Fahrzeugelektronik
Kraftfahrzeugelektronik

automotive engineering
BT engineering
NT automotive electrics
automotive electronics
SY *automobile engineering*

PT automobile industry
automobiles
RT automobile industry
automobile manufacture
automobiles
automotive components
diesel engines
mechanical engineering
road safety
DEU Automobiltechnik
DSY Kfz-Technik
Kraftfahrzeugtechnik
Lkw-Technik
Pkw-Technik

automotive materials
BT production materials
UF *antifreeze materials / automotive materials + coolants*
SY *automobile materials*
PT automobile industry
automobiles
RT automobile manufacture
automobiles
automotive components
DEU Automobilmaterial
DSY Automobilwerkstoff
Fahrzeugmaterial
Fahrzeugwerkstoff
Kraftfahrzeugmaterial
Kraftfahrzeugwerkstoff

automotive power supplies
USE automotive electrics

automotive radar
USE road vehicle radar

autonomer Neutronendetektor
DEU for self-powered neutron detectors

autonomes Luftfahrzeug
DEU for autonomous aerial vehicles

autonomes Unterwasserfahrzeug
DEU for autonomous underwater vehicles

autonomic computing
USE fault tolerant computing

autonomous aerial vehicles
BT aerospace robotics
remotely operated vehicles
SY *UAV*
unmanned aerial vehicles
PT aerospace control
mobile robots
remotely operated vehicles
telerobotics
RT aerospace control
military aircraft
mobile robots
telerobotics
DEU autonomes Luftfahrzeug

autonomous land vehicles
USE artificial intelligence
\+ mobile robots
\+ vehicles

autonomous underwater vehicles
BT remotely operated vehicles
underwater vehicles
PT mobile robots
remotely operated vehicles
telerobotics
underwater vehicles
RT marine control
mobile robots
telerobotics
DEU autonomes Unterwasserfahrzeug

autoradiography
USE radioisotope imaging

autoregressive moving average processes
BT autoregressive processes
moving average processes
SY *ARMA processes*
RT parameter estimation
prediction theory
signal processing
spectral analysis
time series
DEU ARMA-Verfahren
DSY autoregressive statistische Mittelwertbildung
autoregressiver Durchschnittsbewegungsprozess
Progression zum Mittelwert
Regression zum Mittelwert

autoregressive processes
BT stochastic processes
NT autoregressive moving average processes
RT parameter estimation
prediction theory
regression analysis
signal processing
spectral analysis
time series
DEU autoregressiver Prozess

autoregressive statistische Mittelwertbildung
DUS für autoregressive moving average processes

autoregressiver Durchschnittsbewegungsprozess
DUS für autoregressive moving average processes

autoregressiver Prozess
DEU for autoregressive processes

Autorenreferet
DUS für abstracting

autoresonant accelerators
USE collective accelerators

autorouters
USE circuit layout CAD
\+ network routing

autotransformers
BT power transformers
voltage dividers
DEU Spartransformator

auxetics
BT materials
metamaterials
SY *negative Poisson ratio materials*
RT fabrics
Poisson ratio
DEU Auxetika
DSY Querstreckdehnungsmaterial
Querstreckdehnungswerkstoff
Querzugdehnungsmaterial
Querzugdehnungswerkstoff
Zugquerdehnungsmaterial
Zugquerdehnungswerkstoff
Zugstreckquerdehnungsmaterial
Zugstreckquerdehnungswerkstoff

Auxetika
DEU for auxetics

availability measures
USE reliability

avalanche breakdown
BT electric breakdown
SY *avalanche multiplication (solids)*
PT impact ionisation
RT avalanche diodes
impact ionisation
semiconductor device breakdown
Zener effect
DEU Lawinendurchbruch (Festkörper)

avalanche diodes
BT semiconductor diodes
NT avalanche photodiodes
IMPATT diodes
TRAPATT diodes
UF *breakdown diodes / avalanche diodes + Zener diodes*
UF *silicon reference diodes / avalanche diodes + Zener diodes*
UF *voltage reference diodes / avalanche diodes + Zener diodes*
RT avalanche breakdown
transit time devices
DEU Avalanchediode
DSY Lawinendiode

avalanche multiplication (gases)
USE electron avalanches

avalanche multiplication (solids)
USE avalanche breakdown

avalanche photodiodes
BT avalanche diodes
photodiodes
SY *APD*
PT avalanche diodes
photodiodes
RT optical receivers
photodetectors
DEU Lawinenphotodiode
DSY Photolawinendiode

Avalanchediode
DEU for avalanche diodes

Avatar
DEU for avatars

avatars
BT virtual reality
PT software agents
virtual reality
RT graphical user interfaces
software agents
DEU Avatar
DSY virtuelle Figur

avionics
BT aircraft instrumentation
NT aircraft computers
military avionics
SY *aircraft electronics*
UF *helicopter electronics / avionics + helicopters*
PT aircraft instrumentation
RT aircraft control

aircraft displays
aircraft navigation
space vehicle electronics
spacecraft computers
DEU Avionik
DSY Bordelektronik
Flugzeugelektronik
Luftfahrtelektronik

Avionik
DEU for avionics

Avogadro's number
USE constants

avoided crossing
USE energy level crossing

AWG
USE arrayed waveguide gratings

AWGN (additive white Gaussian noise)
BT Gaussian noise
white noise
NT AWGN channels
SY *additive white Gaussian noise*
PT Gaussian noise
white noise
RT fading
radiofrequency interference
DEU additives weißes Gauß-Rauschen
DSY additives weißes Gauß-Rauschen (AWGN)
additives weißes Gaußsches-Rauschen
additives weißes Gaußsches-Rauschen (AWGN)
AWGN (additives weißes Gauss-Rauschen)
AWGN (additives weißes Gaußsches-Rauschen)

AWGN (additives weißes Gauss-Rauschen)
DUS für AWGN (additive white Gaussian noise)

AWGN (additives weißes Gaußsches-Rauschen)
DUS für AWGN (additive white Gaussian noise)

AWGN channels
BT AWGN (additive white Gaussian noise)
Gaussian channels
SY *additive white Gaussian noise channels*
PT Gaussian channels
RT fading channels
DEU AWGN-Kanal
DSY Kanal des additiven weißen Gauß-Rauschens

AWGN-Kanal
DEU for AWGN channels

axial symmetry
BT symmetry
RT elementary particle symmetry
DEU axiale Symmetrie

axiale Symmetrie
DEU for axial symmetry

Axialrad
DEU for propellers

axicons
USE lenses

Axilrod-Teller-Moto dispersion forces
USE intermolecular forces

axiomatic field theory
BT quantum field theory
NT lattice field theory
phi4 field theory
Thirring model
Wightman field theory
PT quantum field theory
RT conformal field theory
conformal symmetry
DEU axiomatische Feldtheorie

axiomatische Feldtheorie
DEU for axiomatic field theory

Axion
DEU for axions

axions
BT intermediate bosons
PT intermediate bosons
RT intermediate boson decay
intermediate boson interactions
intermediate boson production
DEU Axion

axles
BT mechanical products
RT automotive components
locomotives
power transmission (mechanical)
wheels
DEU Achse

Azbel-Kaner resonance
USE cyclotron resonance

azo dyes
USE dyes

B (chemisches Element)
USE boron

B mesons
BT meson resonances
PT meson resonances
DEU B-Moson

B-ISDN
BT broadband networks
ISDN
SY *broadband ISDN*
PT broadband networks
ISDN
RT asynchronous transfer mode
data communication
digital communication
frame relay
signalling protocols
visual communication
DEU Breitband-ISDN

B-Moson
DEU for B mesons

B-trees
USE tree data structures
\+ trees (mathematics)

Ba (chemical element)
USE barium

back-up procedures
BT DP management
PT DP management
RT computer centres
disasters
emergency management
security of data
DEU Back-up-Verfahren

Back-up-Verfahren
DEU for back-up procedures

background radiation, cosmic
USE cosmic background radiation

backplane buses
USE system buses

backplane wiring
USE wiring

backpropagation
BT learning (artificial intelligence)
PT learning systems
neural nets
RT neural nets
DEU Rückwärtsausbreitung

backscatter
BT scattering
NT particle backscattering
RT electromagnetic wave scattering
radar
radar cross-sections
rough surfaces
DEU Rückstreuer
DSY Rückstreuung
Rückwärtsstreuung

backscattered electrons
USE electron backscattering

backtracking
BT search problems
PT search problems
RT problem solving
DEU Rückverfolgung

backward chaining
BT problem solving
PT problem solving
RT inference mechanisms
neural nets
DEU Rückwärtsverkettung
DSY Rückwärtsverknüpfung

backward wave oscillators
BT backward wave tubes
oscillators
SY *BWO*
PT backward wave tubes
microwave oscillators
RT electromagnetic metamaterials
microwave metamaterials
microwave oscillators
millimetre wave oscillators
slow wave structures
terahertz metamaterials
UHF oscillators
DEU Rückwärtswellenoszillator

backward wave tubes
BT travelling wave tubes
NT backward wave oscillators
carcinotrons
SY *BWT*

PT backward-wave tubes
DEU Rückwärtswellenröhre

bacteria
USE microorganisms

bacteriorhodopsin
USE proteins

Badgers rule
USE bond lengths
+ molecular force constants

Bäckerei
DEU for bakeries

bag model
BT quark confinement
quark models
PT quark confinement
DEU Bag-Modell

Bag-Modell
DEU for bag model

Bagger
DEU for excavators

bagging
BT packaging
RT bags
DEU Einsacken

bags
BT containers
RT bagging
DEU Beutel
DSY Sack
Tasche
Tüte

Bahnführung
DEU for path planning

Bahnoptimierung (Luftfahrt)
DEU for trajectory optimisation (aerospace)

Bahnoptimierung (Raumfahrt)
DUS für trajectory optimisation (aerospace)

Bahnplanung
DUS für path planning

Bahnspur
DEU for particle tracks

Bahnsteuerung (Raumfahrt)
DEU for trajectory control

Bahnstromabnehmer
DEU for traction current collection

bainitic steel
USE steel

bainitic transformations
USE solid-state phase transformations

bakeries
BT production facilities
PT food processing industry
RT food manufacturing
DEU Bäckerei

balance (physiological)
USE mechanoception

balance of payments
BT international finance
RT macroeconomics
DEU Zahlungsbilanz

balanced amplifiers
USE differential amplifiers

balances
BT instruments
NT microbalances
SY *scales*
weighing machines
RT weighing
DEU Waage

balancing (mechanical systems)
USE mechanical stability

Balescu-Lennard theory
USE plasma collision processes

baling
BT packaging
DEU Bündeln

Balken (Form)
DEU for beams (structures)

Balkendiagramm
DEU for bar charts

Balkenschwingblende
DEU for beam choppers

ball bearings
BT machine bearings
PT machine bearings
RT metal products
rolling bearings
wear
DEU Kugellager
DSY Wälzlager

ball grid arrays
BT arrays
electronics packaging
SY *BGA*
UF *ceramic ball grid arrays / ball grid arrays + ceramic packaging*
UF *plastic ball grid arrays / ball grid arrays + plastic packaging*
PT integrated circuit packaging
plastic packaging
RT ceramic packaging
integrated circuit packaging
plastic packaging
printed circuit manufacture
surface mount technology
DEU Ball-Grid-Array
DSY Kugelmatrixgehäuse
Kugelmatrixpackung

ball lightning
USE lightning

ball milling
BT milling
powder technology
PT powder technology
RT mechanical alloying
powder metallurgy
DEU Kugelmühlenmahlung

ball screws
BT mechanical products
RT actuators
drives
mechanical control equipment
position control
servomechanisms
DEU Kugelgewinde
DSY Kugelgewindetrieb

Ball-Grid-Array
DEU for ball grid arrays

ballasts, electronic
USE lamp accessories

Ballenpresse
DUS für presses

Ballenpressen
DUS für pressing

ballistic electron emission microscopy
USE field emission electron microscopy

ballistic magnetoresistance
USE enhanced magnetoresistance

ballistic missiles
USE missiles

ballistic transport
BT transport processes
PT high field effects
mesoscopic systems
quantum interference phenomena
RT high field effects
mesoscopic systems
quantum interference phenomena
DEU ballistischer Transport

ballistics
BT kinematics
RT armour
electromagnetic launchers
electrothermal launchers
impact (mechanical)
military equipment
military systems
missiles
projectiles
railguns
rockets
DEU Ballistik

Ballistik
DEU for ballistics

ballistischer Transport
DEU for ballistic transport

Ballon
DEU for balloons

Balloninstabilität
DEU for ballooning instability

ballooning instability
BT plasma instability
PT plasma instability
RT plasma confinement
plasma fluctuations
plasma oscillations
DEU Balloninstabilität

balloons
RT aerospace instrumentation
aircraft
airships
atmospheric measuring apparatus
geophysical equipment
high altitude stratospheric platforms
inflatable structures
DEU Ballon

baluns
RT antenna feeds
coaxial cables
distributed parameter networks
impedance matching
mixers (circuits)
MMIC
strip line components
transformers
transmission lines
twisted pair cables
waveguide components
DEU Symmetrierschaltung

Banach spaces
BT algebra
RT differential equations
functional analysis
group theory
mathematical operators
minimisation
set theory
topology
DEU Banach-Raum

Banach-Raum
DEU for Banach spaces

banana regime
USE plasma collision processes

Band (Form)
DEU for strips

band gap
USE energy gap

band model of magnetism
BT band theory
magnetism
SY *itinerant model of magnetism*
PT magnetism
RT Hubbard model
DEU Bandmodell des Magnetismus
DSY Frequenzmodell des Magnetismus
magnetisches Bandmodell
Magnetismusbandmodell
Magnetismusfrequenzmodell
nagnetisches Frequenzmodell

band structure
BT energy states
NT Brillouin zones
conduction bands
energy gap
valence bands
SY *electron energy bands*
energy bands
RT band theory
degenerate semiconductors
dielectric function
effective mass
electronic density of states
electronic structure
Fermi surface
many-valley semiconductors
metal theory
total energy
DEU Bandstruktur
DSY Frequenzstruktur

band theory
BT energy states
NT APW calculations
band model of magnetism
free-electron approximation
Hubbard model
k.p calculations
KKR calculations
Kronig-Penney model
nearly-free-electron approximation
OPW calculations
relativistic band structure calculations
tight-binding calculations
SY *cellular method*
PT band theory models and calculation methods
RT band structure
density functional theory
electronic structure
group theory
linear muffin-tin orbital method
pseudopotential methods
DEU Bandtheorie
DSY Frequenztheorie

band-elimination filters
USE band-stop filters

band-pass filters
BT filters
NT channel bank filters
SY *pass-band filters*
PT filters

RT Butterworth filters
Chebyshev filters
defected ground structures
elliptic filters
notch filters
UHF resonators
vocoders
DEU Bandpassfilter
DSY Frequenzpassfilter

band-rejection filters
USE band-stop filters

band-stop filters
BT filters
NT notch filters
SY *band-elimination filters*
band-rejection filters
PT filters
DEU Bandsperrfilter
DSY Frequenzsperrfilter
Frequenzstoppfilter

bandbegrenzte Kommunikation
DEU for bandlimited communication

bandbegrenzter Signal
DEU for bandlimited signals

Bandbegrenzungssignal
DUS für bandlimited signals

Bandbreitenkompression
DEU for bandwidth compression

Bandbreitenzuteilung
DEU for bandwidth allocation

Bandfilterpresse
DUS für presses

Bandgerät
DEU for tape recorders

Bandgießen
DEU for tape casting

Bandkammer
DEU for streamer chambers

bandlimited channels
USE bandlimited communication
\+ telecommunication channels

bandlimited communication
BT telecommunication
UF *bandlimited channels /*
bandlimited communication +
telecommunication channels
RT bandlimited signals
telecommunication channels
DEU bandbegrenzte Kommunikation
DSY frequenzbegrenzte Kommunikation

bandlimited signals
BT signals
RT bandlimited communication
extrapolation
information theory
interpolation
signal processing
signal reconstruction
signal sampling
spectral analysis
DEU bandbegrenzter Signal
DSY Bandbegrenzungssignal
frequenzbegrenzter Signal
Frequenzbegrenzungssignal

Bandlücke
DEU for energy gap

Bandmodell des Magnetismus
DEU for band model of magnetism

Bandpassfilter
DEU for band-pass filters

Bandpresse
DUS für presses

bands (kink)
USE kink bands

Bandsperrfilter
DEU for band-stop filters

Bandspreizkommunikation
DEU for spread spectrum communication

Bandspreiztechnik
DUS für spread spectrum communication

Bandstahlrolle
DEU for coils

Bandstruktur
DEU for band structure

Bandtheorie
DEU for band theory

bandwidth allocation
BT telecommunication
SY *bandwidth assignment*
bandwidth reservation

RT bandwidth compression
broadband networks
DiffServ networks
frequency allocation
IntServ networks
telecommunication congestion control
telecommunication network management
telecommunication traffic
DEU Bandbreitenzuteilung

bandwidth assignment
USE bandwidth allocation

bandwidth compression
BT telecommunication
NT compandors
vocoders
SY *compression, bandwidth*
RT bandwidth allocation
data compression
pulse compression
radiotelephony
source coding
DEU Bandbreitenkompression
DSY Frequenzkompression

bandwidth reservation
USE bandwidth allocation

bang-bang control
BT control theory
RT control nonlinearities
nonlinear control systems
nonlinear systems
on-off control
DEU Zweipunktregelung

Bank (Sitzmöbel)
DEU for seats

bank data processing
BT banking
financial data processing
SY *clearing houses*
PT financial administrative data processing
RT automatic teller machines
EFTS
DEU Bankdatenverarbeitung

Bankdatenverarbeitung
DEU for bank data processing

banking
BT finance
NT bank data processing
branch automation
cheque processing
home banking
letters of credit
mortgage processing
remittance processing
SY *banking services*
banks
PT financial administrative data processing
RT automatic teller machines
bankruptcy
building societies
commerce
DEU Bankwesen

banking services
USE banking

bankruptcy
BT finance
NT criminal bankruptcy
politic driven bankruptcy
RT banking
financial management
industrial economics
law
microeconomics
DEU Konkurs

banks
USE banking

Bankwesen
DEU for banking

banyan networks
USE multistage interconnection networks

bar charts
BT charts
SY *Gantt charts*
DEU Balkendiagramm
DSY Strichdiagramm

bar code readers
USE mark scanning equipment

bar codes
BT codes
PT codes
RT identification technology
Internet of Things
mark scanning equipment

DEU Strichcode

bar drawing
BT drawing (mechanical)
PT drawing (mechanical)
RT bars
DEU Stabziehen

Bardeen-Cooper-Schrieffer theory
USE BCS theory

Bardeen-Cooper-Schrieffer-Theorie
DEU for BCS theory

barges
USE boats

BARITT diodes
BT semiconductor diodes
transit time devices
SY *barrier injection transit-time diodes*
PT semiconductor diodes
solid-state microwave devices
transit time devices
RT microwave diodes
millimetre wave diodes
DEU BARITT-Diode

BARITT-Diode
DEU for BARITT diodes

barium
BT alkaline earth metals
SY *Ba (chemical element)*
RT barium alloys
barium compounds
DEU Barium

barium alloys
BT alkaline earth alloys
PT alkaline earth alloys
RT barium
barium compounds
DEU Bariumlegierung

barium compounds
BT alkaline earth compounds
RT barium
barium alloys
DEU Bariumverbindung

barium II stars
USE binary stars
\+ giant stars
\+ supergiant stars

barium O stars
USE giant stars

Bariumlegierung
DEU for barium alloys

Bariumverbindung
DEU for barium compounds

Barium
DEU for barium

Barkhausen effect
BT magnetisation
PT magnetisation process
RT dielectric polarisation
magnetic noise
DEU Barkhausen-Effekt

Barkhausen-Effekt
DEU for Barkhausen effect

Barnett effect
USE gyromagnetic effect
\+ magnetisation

Barometer
DEU for barometers

barometers
BT meteorological instruments
meters
PT pressure measurement
RT atmospheric pressure
pressure measurement
DEU Barometer
DSY Luftdruckmessgerät

barometric pressure
USE atmospheric pressure

barrages
USE dams

barrel distortion
USE aberrations

Barren
DEU for ingots

barretters
USE thermistors

barrier injection transit-time diodes
USE BARITT diodes

bars
BT shapes (structures)
NT billets
RT bar drawing
continuum mechanics
DEU Stab (Werkstück)

Baryon
DEU for baryons

baryon decay
BT hadron decay
NT baryon hadronic decay
baryon leptonic decay
hyperon decay
neutron decay
proton decay
RT baryons
DEU Baryon-Zerfall

baryon electric moment
BT elementary particle electric moment
NT hyperon electric moment
nucleon electric moment
PT baryons
electric moments
RT baryons
DEU Baryon-elektrisches Moment

baryon exchange models
USE exchange models

baryon hadronic decay
BT baryon decay
nonleptonic decays
PT baryon decay
RT weak hadronic decays
DEU Baryon-hadronischer-Zerfall

baryon interactions
USE baryon-baryon interactions

baryon leptonic decay
BT baryon decay
leptonic decays
PT baryon decay
DEU Baryon-leptonischer Zerfall

baryon magnetic moment
BT elementary particle magnetic moment
NT hyperon magnetic moment
nucleon magnetic moment
PT magnetic moments
RT baryons
DEU Baryon-magnetisches Moment

baryon mass
BT hadron mass
NT hyperon mass
PT baryons
mass
RT baryons
mass differences
mass formulae
DEU Baryon-Masse

baryon parity
BT hadron parity
NT hyperon parity
PT baryon spin and parity
RT baryon spin
DEU Baryon-Paarigkeit
DSY Baryon-Parität

baryon photoproduction
BT baryon production
hadron photoproduction
PT photon interactions
RT baryons
hyperon production
neutron production
proton production
DEU Baryon-Fotoproduktion
DSY Baryon-Lichtproduktion
Baryon-Photoproduktion

baryon production
BT hadron production
NT baryon photoproduction
hyperon production
neutron production
proton production
PT baryons
RT baryons
DEU Baryon-Produktion

baryon resonances
BT hadrons
NT dibaryons
hyperon resonances
SY *resonances, baryon*
RT baryons
beauty particles
charm particles
Delta baryons
N baryons
DEU Baryon-Resonanz

baryon scattering
USE baryon-baryon scattering

baryon spin
BT hadron spin
NT hyperon spin
PT baryon spin and parity
RT baryon parity
isotopic spin (elementary particles)
DEU Baryon-Spin

baryon-baryon interactions
BT hadron-hadron interactions
NT hyperon-nucleon interactions
nucleon-nucleon interactions
SY *baryon interactions*
PT baryon interactions
RT baryon-baryon scattering
DEU Baryon-Baryon-Wechselwirkung

baryon-baryon scattering
BT hadron-hadron scattering
NT hyperon-nucleon scattering
nucleon-nucleon scattering
SY *baryon scattering*
PT baryon scattering
RT baryon-baryon interactions
DEU Baryon-Baryon-Streuung

Baryon-Baryon-Streuung
DEU for baryon-baryon scattering

Baryon-Baryon-Wechselwirkung
DEU for baryon-baryon interactions

Baryon-elektrisches Moment
DEU for baryon electric moment

Baryon-Fotoproduktion
DEU for baryon photoproduction

Baryon-hadronischer-Zerfall
DEU for baryon hadronic decay

Baryon-leptonischer Zerfall
DEU for baryon leptonic decay

Baryon-Lichtproduktion
DUS für baryon photoproduction

Baryon-magnetisches Moment
DEU for baryon magnetic moment

Baryon-Masse
DEU for baryon mass

Baryon-Paarigkeit
DEU for baryon parity

Baryon-Parität
DUS für baryon parity

Baryon-Photoproduktion
DUS für baryon photoproduction

Baryon-Produktion
DEU for baryon production

Baryon-Resonanz
DEU for baryon resonances

Baryon-Spin
DEU for baryon spin

Baryon-Zerfall
DEU for baryon decay

baryons
BT fermions
hadrons
NT Delta baryons
hyperons
N baryons
nucleons
SY *antibaryons*
RT baryon decay
baryon electric moment
baryon magnetic moment
baryon mass
baryon photoproduction
baryon production
baryon resonances
DEU Baryon

BASIC
BT high level languages
NT Visual BASIC
RT BASIC listings
FORTRAN
DEU BASIC (Programmiersprache)

BASIC (Programmiersprache)
DEU for BASIC

BASIC listings
BT complete computer programs
PT complete computer programs
RT BASIC
DEU BASIC-Programm

BASIC-Programm
DEU for BASIC listings

basicity
USE pH value

Batastrahlen-Detektion
DEU for beta-ray detection

batch manufacturing
USE batch processing (industrial)
\+ batch production systems

batch processing (computers)
BT supervisory programs
UF *batch-processing / batch processing (computers) + batch processing (industrial)*
PT batch-processing
RT computer operating procedures
DEU Stapelverarbeitung (Computer)

batch processing (industrial)
BT manufacturing processes
UF *batch manufacturing / batch processing (industrial) + batch production systems*
UF *batch-processing / batch processing (computers) + batch processing (industrial)*
PT batch-processing
RT batch production systems
industrial plants
production
DEU Fließfertigung
DSY Serienfertigung

batch production systems
BT manufacturing systems
UF *batch manufacturing / batch processing (industrial) + batch production systems*
PT batch processing (industrial)
RT batch processing (industrial)
DEU Fließfertigungssystem
DSY Serienproduktionsystem

batch-processing
USE batch processing (computers)
\+ batch processing (industrial)

Bathymetrie
DEU for bathymetry

bathymetry
UF *depth measurement / bathymetry + spatial variables measurement*
PT oceanographic techniques
oceanography
RT oceanic crust
oceanographic techniques
oceanography
seafloor phenomena
topography (Earth)
DEU Bathymetrie
DSY Tiefenmesser
Tiefenmessung
Tiefseelotung

batteriebetriebenes Fahrzeug
DEU for battery powered vehicles

Batterieladungsmessung
DEU for battery charge measurement

Batteriemanagementsystem
DEU for battery management systems

Batterieprüfgerät
DEU for battery testers

batteries
USE cells (electric)
\+ primary cells
\+ secondary cells

Batteriespeicherkraftwerk
DEU for battery storage plants

battery charge measurement
BT charge measurement
RT battery management systems
battery powered vehicles
battery testers
primary cells
secondary cells
DEU Batterieladungsmessung

battery chargers
BT rectifying circuits
PT rectifiers
RT lead acid batteries
maximum power point trackers
secondary cells
DEU elektrisches Ladegerät

battery charging
USE secondary cells

battery management systems
SY *battery monitoring systems*
RT battery charge measurement
battery powered vehicles
battery testers
power aware computing
secondary cells
DEU Batteriemanagementsystem

battery monitoring systems
USE battery management systems

battery powered vehicles
BT electric vehicles
PT electric vehicles
secondary cells
RT battery charge measurement
battery management systems
electric propulsion
energy storage
hybrid electric vehicles
solar powered vehicles
traction motor drives
traction motors
DEU batteriebetriebenes Fahrzeug

battery storage plants
BT power plants
PT power plants
secondary cells
RT demand side management
energy storage
lead acid batteries
load management
power system control
secondary cells
DEU Batteriespeicherkraftwerk

battery testers
BT test equipment
PT test equipment
RT battery charge measurement
battery management systems
cells (electric)
lead acid batteries
primary cells
secondary cells
voltage measurement
DEU Batterieprüfgerät

Bau (allgemein)
DEU for Fotovoltaikbuilding

Bau (Konstruktion)
DEU for construction

Bau (Struktur)
DUS für construction

Bau-CAD
DUS für architectural CAD

Bauakustik
DUS für architectural acoustics

Bauakustik
DEU for structural acoustics

Bauausrüstung
DEU for construction equipment

Bauelementeprüfung (Elektronik)
DEU for electron device testing

Bauelementerauschen (Elektronik)
DEU for electron device noise

Bauelementetest (Elektronik)
DUS für electron device testing

Bauelementewirtschaft (Elektronik)
DEU for integrated circuit economics

Baugerät
DUS für construction equipment

Baugesellschaft
DEU for building societies

Bauindustrie
DEU for construction industry

Bauingenieurwesen
DEU for civil engineering

Baum
DEU for wood

Baumaschine
DUS für construction equipment

Baumcode
DEU for tree codes

Baumdatenstruktur
DEU for tree data structures

Baumstruktur (Mathematik)
DEU for trees (mathematics)

Baumsuche (Suchverfahren)
DEU for tree searching

Baumwolle
DEU for cotton

Baumwollgewebe
DEU for cotton fabrics

Bauplatte
DEU for structural panels

Bauschinger effect
BT plastic deformation
PT deformation
RT compressive strength

cracks
fatigue
internal stresses
DEU Bauschinger-Effekt

Bauschinger-Effekt
DEU for Bauschinger effect

Baustoff
DEU for building materials

Bautechnik
DEU for structural engineering

bautechnische Computeranwendung
DEU for structural engineering computing

bautechnische Rechneranwendung
DUS für structural engineering computing

Bauteil
DEU for construction components

Bauwerksakustik
DUS für structural acoustics

Bauwerkskomponente
DUS für construction components

Bauwerksteil
DUS für construction components

Bauwesen
DUS für civil engineering
Fotovoltaikbuilding

bauwirtschaftliche Computeranwendung
DEU for civil engineering computing

bauwirtschaftliche Rechneranwendung
DUS für civil engineering computing

BAW devices
USE bulk acoustic wave devices

Bayard-Alpert gauges
USE ionisation gauges

Bayer process
USE alumina
\+ manufacturing processes
\+ mineral processing

Bayes methods
BT probability
PT decision theory and analysis
filtering and prediction theory
RT belief networks
decision theory
expectation-maximisation algorithm
particle filtering (numerical methods)
quality control
statistics
DEU Bayes-Methode

Bayes-Methode
DEU for Bayes methods

Bayesian networks
USE belief networks

bays (magnetic)
USE geomagnetic variations

BBC computers
USE Acorn computers

BBGKY equation
USE integro-differential equations

BC stars
USE supergiant stars

BCDMOS integrated circuits
USE BIMOS integrated circuits

BCH codes
BT codes
SY *Bose-Chaudhuri-Hocquenghem codes*
PT codes
error correction codes
RT binary sequences
Goppa codes
linear codes
Reed-Muller codes
DEU BCH-Code

BCH-Code
DEU for BCH codes

BCNT
USE neutron capture therapy

BCS theory
SY *Bardeen-Cooper-Schrieffer theory*
PT superconductivity
RT Cooper pairs
many-body problems
superconductivity
DEU Bardeen-Cooper-Schrieffer-Theorie
DSY BCS-Theorie

BCS-Theorie
DUS für BCS theory

BDD
USE binary decision diagrams

Be (chemical element)
USE beryllium
DEU Be (chemisches Element)

Be (chemisches Element)
DEU for Be (chemical element)

Be stars
USE variable stars

Be- und Entlüftung
DEU for ventilation

beam choppers
BT particle spectrometers
RT beam handling equipment
DEU Balkenschwingblende

beam handling equipment
BT nuclear instrumentation
NT accelerator cavities
accelerator magnets
wigglers
UF *beamlines, particle / beam handling equipment + beam handling techniques*
SY *Siberian snakes*
PT nuclear instrumentation
RT accelerator RF systems
beam choppers
beam handling techniques
booster injectors
collimators
particle accelerators
particle beam diagnostics
particle beam extraction
particle beam focusing
particle beam injection
particle beams
particle optics
DEU Strahlenbehandlungsausrüstung

beam handling techniques
NT particle beam extraction
particle beam focusing
particle beam injection
UF *beamlines, particle / beam handling equipment + beam handling techniques*
PT beam handling equipment
mass spectroscopy
particle optics
RT accelerator control systems
beam handling equipment
mass spectroscopy
neutron beams
particle accelerators
particle beam bunching
particle beam diagnostics
particle beams
particle optics
proton beams
DEU Strahlenführungsmethode
DSY Strahlenlenkungsmethode
Strahlführungsmethode
Strahlführungstechnik
Strahllenkungsmethode
Strahllenkungstechnik

beam pens
USE light pens

beam position monitors
USE particle beam diagnostics

beam splitters (optical)
USE optical beam splitters

beam steering
SY *antenna beam steering*
electronic beam steering
optical beam steering
RT antenna arrays
laser beams
DEU Strahlenführung
DSY Strahlenlenkung
Strahlführung
Strahllenkung
Strahlungsführung
Strahlungslenkung

beam-foil spectra
BT spectra (general)
PT spectra
RT atomic collisions
beam-foil spectroscopy
ion beams
DEU Hintergrundstahlenspektrum
DSY Hintergrundstrahlungsspektrum

beam-foil spectroscopy
BT spectroscopy
PT spectroscopy
RT beam-foil spectra
ion beams
DEU Hintergrundstrahlen-Spektroskopie
DSY Hintergrundstrahlenspektroskopie
Hintergrundstrahlungs-Spektroskopie
Hintergrundstrahlungsspektroskopie

beam-lead devices
RT hybrid integrated circuits
integrated circuit technology
DEU Beam-Lead-Technik

Beam-Lead-Technik
DEU for beam-lead devices

beam-trapping
USE self-focusing

beamforming (signal processing)
USE array signal processing

beamlines, particle
USE beam handling equipment
+ beam handling techniques

beamlines, X-ray
USE X-ray apparatus

beams (structures)
BT shapes (structures)
UF *cantilever beams / beams (structures) + cantilevers*
UF *girders / beams (structures) + supports*
RT cantilevers
continuum mechanics
DEU Balken (Form)

Bean model
BT superconductivity
PT high-temperature superconductors
RT critical current density (superconductivity)
high-temperature superconductors
DEU Bean-Modell

Bean-Modell
DEU for Bean model

Bearbeitbarkeit
DEU for workability

Bearbeitung radioaktiven Abfalls
DEU for radioactive waste processing

Bearbeitung radioaktiven Mülls
DUS für radioactive waste processing

Bearbeitung von radioaktiven Abfall
DUS für radioactive waste processing

Bearbeitung von radioaktiven Müll
DUS für radioactive waste processing

Bearbeitungausrüstung
DEU for materials handling equipment

bearing estimation
USE direction-of-arrival estimation

bearings (machine)
USE machine bearings

beat Cepheids
USE variable stars

beauty model
USE flavour model

beauty particles
BT elementary particles
RT baryon resonances
Lambda baryons
meson resonances
quark models
DEU Beauty-Partikel
DSY Beauty-Teilchen
Schönes Partikel
Schönes Teilchen

Beauty-Partikel
DEU for beauty particles

Beauty-Teilchen
DUS für beauty particles

BEBO method
USE bonds (chemical)

Becklin-Neugebauer objects
USE infrared sources (astronomical)
+ pre-main-sequence stars
+ radiosources (astronomical)

Bedarfsmanagement
DEU for demand side management

Bedarfsvorhersage
DEU for demand forecasting

bedarfszugewiesener Mehrfachzugriff
DEU for demand assigned multiple access

Bedientheorie
DEU for utility theory

Bedienungstheorie
DEU for queueing theory

bedingter Zugang
DEU for conditional access

bedingter Zugriff
DUS für conditional access

beer
USE beverages

Befehlssprache (Maschinenprogrammierung)
DEU for instruction sets

Befehlvorrat
DUS für instruction sets

Befestigen
DEU for mountings

Befestigung
DEU for fasteners

Befestigungselement
DEU for fixtures

Befestigung
DUS für mountings

Beglaubigen (Sachverhalt)
DUS für accreditation

Begrenzer
DEU for limiters

begrenzte Raumladungsakkumulation
DEU for limited space charge accumulation

begrenzter Fluss
DEU for confined flow

Begriffliste
DEU for glossaries

Behälter (groß)
DEU for bin packing

Behälterverpackung
DUS für bin packing

behavioral sciences
USE behavioural sciences

behavioral sciences computing
USE behavioural sciences computing

behavioural sciences
NT cognition
consumer behaviour
human factors
psychology
SY *behavioral sciences*
UF *human relations / behavioural sciences + social sciences*
PT social and behavioural sciences
RT behavioural sciences computing
cultural aspects
ergonomics
social sciences
socio-economic effects
DEU Verhaltenswissenschaften

behavioural sciences computing
BT computer applications
NT social and behavioural sciences computing
SY *behavioral sciences computing*
PT social and behavioural sciences computing
RT behavioural sciences
psychology
social sciences computing
DEU Computeranwendung in den Verhaltenswissenschaften
DSY Rechneranwendung in den Verhaltenswissenschaften
verhaltenswissenschaftliche Computeranwendung
verhaltenswissenschaftliche Rechneranwendung

Behindertenhilfsgerät
DEU for handicapped aids

Behindertenhilfsmittel
DUS für handicapped aids

Behördendatenverarbeitung
DEU for government data processing

Beidou satellite navigation system
USE satellite navigation

Beilegeblech
DEU for shims

Beimengung
DEU for impurities

Beinbewegung
DEU for legged locomotion

Beizen (Materialbearbeitung)
DEU for pickling (materials processing)

Bekleidung
DEU for clothing

Bekleidung mit integrierter Elektronik
DEU for wearable computers

Bekleidungsantenne
DEU for wearable antennas

Bekleidungsindustrie
DEU for clothing industry

Belag
DUS für linings

Belastungsanalyse
DEU for stress analysis

Belegschaft
DEU for personnel

Belegungsplanung
DUS für job shop scheduling

Belegungsplanung mit einer Maschine
DUS für single machine scheduling

Beleuchtung
DEU for lighting

Beleuchtungssteuerung
DEU for lighting control

belief maintenance
BT knowledge engineering
SY *belief revision*
PT knowledge engineering
RT belief networks
inference mechanisms
DEU Glaubenswartung
DSY Glaubenswartungssystem
Vertrauensdatenführung
Wissensbewahrung
Wissenswartung

belief networks
BT directed graphs
knowledge representation
SY *Bayesian networks*
PT belief maintenance
RT Bayes methods
belief maintenance
uncertainty handling
DEU Belief-Netz
DSY Belief-Netzwerk
Glaubens-Netz
Glaubensnetz
sicheres Netz
vertrauensbasiertes Netzwerk
Vertrauensnetzwerk

belief revision
USE belief maintenance

Belief-Netz
DEU for belief networks

Belief-Netzwerk
DUS für belief networks

Bell theorem
BT quantum theory
SY *Bell's inequality*
PT quantum theory
RT Aharonov-Bohm effect
EPR paradox
quantum entanglement
teleportation
DEU Bell-Theorem

Bell's inequality
USE Bell theorem

Bell-Theorem
DEU for Bell theorem

bellows
BT mechanical products
DEU Blasebalg

bells
BT musical instruments
RT alarm systems
signalling
DEU Glocke
DSY Klingel
Triangel

Belousov-Zhabotinskii reaction
USE chemical equilibrium
\+ chemical reactions
\+ reaction kinetics theory

belts
BT machine components
UF *cambelts / belts + camshafts*
UF *seat belts / belts + safety devices + seats*
RT camshafts
chains
conveyors
drives
power transmission (mechanical)

DEU Treibriemen

Belüftung
DUS für ventilation

BEM
USE boundary-elements methods

Benard convection
BT convection
PT convection
RT mass transfer
DEU Benard-Konvektion

Benard-Konvektion
DEU for Benard convection

benchmark testing
BT testing
SY *benchmarking*
PT performance evaluation
RT performance evaluation
DEU Benchmark-Test

Benchmark-Test
DEU for benchmark testing

benchmarking
USE benchmark testing

bending
BT deformation
machining
SY *bowing*
flexure
RT bending machines
bending strength
buckling
elastic deformation
metalworking
optical losses
shear deformation
sheet metal processing
stress analysis
torsion
DEU Biegen

bending machines
BT machining
production equipment
PT bending
RT bending
forming processes
machine tools
sheet metal processing
DEU Biegemaschine

bending of light
USE gravitation
\+ light

bending strength
BT mechanical properties
mechanical strength
SY *flexural strength*
transverse rupture strength
PT bending
mechanical strength
RT bending
DEU Biegefestigkeit

Benetzung
DEU for wetting

Benutzerhandbuch
DEU for user manuals

Benutzeroberfläche
DEU for man machine interfaces

Benzinaufbereitung
DEU for fuel processing

Benzinspeicher
DEU for fuel storage

Beobachtbarkeit
DEU for observability

Beobachter
DEU for observers

Beobachtung
DEU for monitoring

Bep stars
USE variable stars

Bepunktungssystem
DUS für pointing systems

BER
USE error statistics

Berater
DEU for consultancies

Berechenbarkeit
DEU for computability

Berechenbarkeitstheorie
DEU for computation theory

Berechnen
DEU for calculation

Berechnung
DUS für calculation

Berechnung des Kommunikationssystems
DEU for calculus of communicating systems

Berechnung gekoppelter Cluster
DEU for coupled cluster calculations

Berechnung starker Bindung
DEU for tight-binding calculations

Berechnung verbundener Cluster
DUS für coupled cluster calculations

Berechnungskomplexität
DEU for computational complexity

Berechnungstheorie
DUS für computation theory

Berechnung
DEU for calculus

Berechtigungskontrolle
DEU for access control

Bereich
DEU for domains

Bereichsmessung
DEU for area measurement

Bergbau
DEU for mining

Bergbauausrüstung
DEU for mining equipment

Bergbauindustrie
DEU for mining industry

berkelium
BT actinides
transuranes
SY *Bk (chemical element)*
RT berkelium compounds
DEU Berkelium

berkelium compounds
BT actinide compounds
RT berkelium
DEU Berkeliumverbindung

Berkeliumverbindung
DEU for berkelium compounds

Berkelium
DEU for berkelium

Bernstein waves
USE plasma Bernstein waves

Berry phase
BT quantum theory
PT quantum theory
RT gauge field theory
geometry
quantum optics
topology
wave functions
DEU Berry-Phase

Berry-Phase
DEU for Berry phase

Berstdruck
DUS für pressure

Berstgeräusch
DEU for burst noise

Berührung (physiologisch)
DEU for touch (physiological)

berufliche Kommunikation
DEU for professional communication

beruflicher Aspekt
DEU for professional aspects

Berufsausbildung
DEU for vocational training

Beruhigung
DEU for damping

beryllium
BT alkaline earth metals
SY *Be (chemical element)*
RT beryllium alloys
beryllium compounds
moderators
DEU Beryllium

beryllium alloys
BT alkaline earth alloys
PT beryllium compounds
RT beryllium
beryllium compounds
DEU Berylliumlegierung

beryllium compounds
BT alkaline earth compounds
RT beryllium
beryllium alloys
DEU Berylliumverbindung

Berylliumlegierung
DEU for beryllium alloys

Berylliumverbindung
DEU for beryllium compounds

Beryllium
DEU for beryllium

Besatzung (Mannschaft)
DUS für personnel

Beschäftigtenwohl
DUS für employee welfare

Beschäftigung
DUS für employment

Beschäftigungsabbruch
DEU for termination of employment

Beschäftigungsende
DUS für termination of employment

Beschäftigungslosigkeit
DUS für unemployment

Beschaffenheit
DEU for texture

Beschaffungswesen
DEU for procurement

Beschichten
DEU for coating techniques

Beschichtung
DEU for coatings

Beschichtungsmethode
DUS für coating techniques

Beschichtungsstoff
DUS für coatings

Beschichtungstechnik
DUS für coating techniques

Beschichtungsverfahren
DUS für coating techniques

Beschlag
DUS für fasteners

Beschleuniger-HF-System
DEU for accelerator RF systems

Beschleuniger-Magnet
DUS für accelerator magnets

Beschleuniger-RF-System
DUS für accelerator RF systems

beschleunigerbasierte Neutronenmutation
DEU for accelerator-based transmutation

beschleunigerbasierte Transmutation
DUS für accelerator-based transmutation

Beschleunigerhochfrequenzsystem
DUS für accelerator RF systems

Beschleunigerhohlraum
DEU for accelerator cavities

Beschleunigerkontrollsystem
DEU for accelerator control systems

Beschleunigermagnet
DEU for accelerator magnets

Beschleunigerradiofrequenzsystem
DUS für accelerator RF systems

Beschleunigerregelungssystem
DUS für accelerator control systems

Beschleunigerresonator
DUS für accelerator cavities

Beschleunigerröhre
DUS für accelerator cavities

Beschleunigersteuersystem
DUS für accelerator control systems

Beschleunigersteuerungssystem
DUS für accelerator control systems

Beschleunigung
DEU for acceleration

Beschleunigungskavität
DUS für accelerator cavities

Beschleunigungskontrolle
DEU for acceleration control

Beschleunigungslücke
DUS für accelerator cavities

Beschleunigungsmessen
DEU for acceleration measurement

Beschleunigungsmesser
DEU for accelerometers

Beschleunigungsmessgerät
DUS für accelerometers

Beschleunigungsmessung
DUS für acceleration measurement

Beschleunigungsregelung
DUS für acceleration control

Beschleunigungssensor
DUS für accelerometers

Beschleunigungssteuerung
DUS für acceleration control

Beschlussfassung
DEU for decision making

Beschreibungsfunktion
DEU for describing functions

Beschreibungslogik
DEU for description logic

Beseitigung radioaktiven Abfalls
DEU for radioactive waste disposal

Beseitigung radioaktiven Mülls
DUS für radioactive waste disposal

Besetzung (Personal)
DUS für personnel

Besetzungsinversion
DEU for population inversion

Besitzvermarktung
DEU for property market

bespoke production
USE job production systems

Bessel differential equation
USE Bessel functions

Bessel functions
BT functions
mathematical analysis
SY *Bessel differential equation*
PT functions
DEU Bessel-Funktion

Bessel-Funktion
DEU for Bessel functions

Beständigkeit
DEU for stability

Bestandsmanagement
DEU for inventory management

Bestellbearbeitung
DUS für order picking

Bestellung per Post
DEU for mail order

Bestellungsbearbeitung
DUS für order picking

beta Cep stars
USE variable stars

beta CMa stars
USE variable stars

beta Lyr stars
USE eclipsing binary stars

beta Per stars
USE eclipsing binary stars

beta spectra
USE beta-ray spectra

beta spectrometers
USE beta-ray spectrometers

beta spectroscopy
USE beta-ray spectroscopy

beta-decay
BT radioactivity
NT double beta decay
nuclear electron capture
SY *Gamow-Teller transitions*
PT radioactivity
RT beta-decay theory
delayed neutrons
delayed protons
radioactive decay periods
radioactive decay schemes
DEU Beta-Zerfall

beta-decay theory
BT nuclear decay theory
SY *Kurie plots*
RT beta-decay
beta-ray spectra
beta-rays
nuclear electron capture
DEU Beta-Zerfalls-Theorie
DSY Beta-Zerfalltheorie

beta-particles
USE beta-rays

beta-radiation
USE beta-rays

beta-ray absorption
BT absorption
RT beta-rays
electron absorption
DEU Betastrahlenabsorption

beta-ray angular distribution
RT beta-ray spectra
beta-ray spectroscopy
beta-rays
DEU Beta-Strahlenwinkelverteilung
DSY Beta-Strahlungswinkelverteilung
Betastrahlenwinkelverteilung
Betastrahlungswinkelverteilung

beta-ray detection
BT radiation detection
PT beta-ray detection and measurement
RT beta-ray spectra
beta-ray spectrometers
beta-rays
electron detection
radioactivity measurement
DEU Batastrahlen-Detektion

beta-ray effects
BT radiation effects
UF *beta-ray scattering / beta-ray effects + collision processes + energy loss of particles + particle backscattering + potential scattering + transport processes*
UF *biological effects of beta-rays / beta-ray effects + biological effects of ionising particles*
RT beta-rays
biological effects of ionising particles
electron beam effects
DEU Betastrahleneffekt
DSY Betastrahlenwirkung

beta-ray polarisation
BT polarisation
SY *beta-ray polarization*
RT beta-ray spectra
beta-rays
DEU Betastrahlenpolarisation

beta-ray polarization
USE beta-ray polarisation

beta-ray scattering
USE beta-ray effects
\+ collision processes
\+ energy loss of particles
\+ particle backscattering
\+ potential scattering
\+ transport processes

beta-ray sources
BT particle sources
PT electron sources
RT electron sources
positron sources
DEU Betastrahlenquelle

beta-ray spectra
BT spectra (general)
SY *beta spectra*
RT beta-decay theory
beta-ray angular distribution
beta-ray detection
beta-ray polarisation
beta-ray spectrometers
beta-ray spectroscopy
beta-rays
radioactivity
DEU Betastrahlenspektrum

beta-ray spectrometers
BT particle spectrometers
SY *beta spectrometers*
RT beta-ray detection
beta-ray spectra
beta-ray spectroscopy
beta-rays
electron optics
electron spectrometers
DEU Betaspektrometer
DSY Betastrahlen-Spekrometer
Betastrahlenspekrometer

beta-ray spectroscopy
BT spectroscopy
SY *beta spectroscopy*
PT beta-ray spectra
RT beta-ray angular distribution
beta-ray spectra
beta-ray spectrometers

beta-rays
DEU Beta-Strahlen-Spektroskopie
DSY Beta-Strahlenspektroskopie
Betastrahlen-Spektroskopie
Betastrahlenspektroskopie

beta-rays
BT radiation
SY *beta-particles*
beta-radiation
RT beta-decay theory
beta-ray absorption
beta-ray angular distribution
beta-ray detection
beta-ray effects
beta-ray polarisation
beta-ray spectra
beta-ray spectrometers
beta-ray spectroscopy
electron beams
electrons
positrons
radioactivity
DEU Beta-Strahlen
DSY Beta-Strahlung

Beta-Strahlen
DEU for beta-rays

Beta-Strahlen-Spektroskopie
DEU for beta-ray spectroscopy

Beta-Strahlenspektroskopie
DUS für beta-ray spectroscopy

Beta-Strahlenwinkelverteilung
DEU for beta-ray angular distribution

Beta-Strahlung
DUS für beta-rays

Beta-Strahlungswinkelverteilung
DUS für beta-ray angular distribution

Beta-Zerfall
DEU for beta-decay

Beta-Zerfalls-Theorie
DEU for beta-decay theory

Beta-Zerfalltheorie
DUS für beta-decay theory

Betätigungsmagnet
DEU for electromagnetic actuators

Betaspektrometer
DEU for beta-ray spectrometers

Betastrahlen-Spekrometer
DUS für beta-ray spectrometers

Betastrahlen-Spektroskopie
DUS für beta-ray spectroscopy

Betastrahlenabsorption
DEU for beta-ray absorption

Betastrahleneffekt
DEU for beta-ray effects

Betastrahlenpolarisation
DEU for beta-ray polarisation

Betastrahlenquelle
DEU for beta-ray sources

Betastrahlenspekrometer
DUS für beta-ray spectrometers

Betastrahlenspektroskopie
DUS für beta-ray spectroscopy

Betastrahlenspektrum
DEU for beta-ray spectra

Betastrahlenwinkelverteilung
DUS für beta-ray angular distribution

Betastrahlenwirkung
DUS für beta-ray effects

Betastrahlungswinkelverteilung
DUS für beta-ray angular distribution

Betatron
DEU for betatrons

betatrons
BT cyclic accelerators
electron accelerators
RT electron beams
electron optics
DEU Betatron

Bethe-Salpeter equation
BT elementary particle theory
equations
quantum field theory
PT elementary particle theory
quantum field theory
RT bound states
elementary particle coupling constants

DEU Bethe-Salpeter-Gleichung

Bethe-Salpeter-Gleichung
DEU for Bethe-Salpeter equation

Bethe-Uhlenbeck equations
USE quantum statistical mechanics

Beton
DEU for concrete

betrieblicher Gesundheitsschutz
DUS für occupational health

betriebliches Training
DEU for industrial training

betriebliches Vertragswesen
DEU for industrial relations

Betriebsabrechnung
DEU for accounts data processing

Betriebsdruck
DUS für pressure

Betriebskollektivverträge
DUS für industrial relations

Betriebssicherheit
DEU for employees safety

Betriebsstoffaufbereitung
DUS für fuel processing

Betriebssystem
DEU for systems software

Betriebssystem (Computer)
DEU for operating systems (computers)

Betriebssystem (Rechner)
DUS für operating systems (computers)

Betriebssystemkern
DEU for operating system kernels

Betriebstechnik
DEU for production engineering

Betriebsunfall
DEU for industrial accidents

Betriebswirtschaft
DEU for industrial economics

Betrug
DEU for fraud

beugendes optisches Element
DEU for diffractive optical elements

Beugung (Strahl)
DEU for diffraction

Beugung elektromagnetischer Wellen
DEU for electromagnetic wave diffraction

Beugung von Elektronen geringer Energie
DEU for low energy electron diffraction

Beugung von Elektronen geringer Energie (LEED)
DUS für low energy electron diffraction

Beugungsgitter (Optik)
DEU for diffraction gratings

Beugungsmesser
DEU for diffractometers

Beugungsmodell (Elementarpartikel)
DEU for diffraction model

beugungsoptisches Element
DUS für diffractive optical elements

Beurteilung
DUS für appraisal

Beurteilung (Sachverhalt)
DUS für accreditation

Beutel
DEU for bags

bevatrons
USE synchrotrons

bevel gears
USE gears

beverage industry
BT food processing industry
NT brewing industry
wine industry
PT brewing industry
food processing industry
RT beverages
bottling
distilleries
electronic tongues
DEU Getränkeindustrie

beverages
BT food products
SY *beer*
drinks
wine
RT beverage industry
dairy products
sterilisation (microbiological)
vending machines
DEU Getränk

bevorzugte Orientierung
DEU for preferred orientation

Bewässerung
DEU for irrigation

bewegliche Antenne
DUS für mobile antennas

bewegliche Form
DEU for deployable structures

bewegliche Struktur
DUS für deployable structures

beweglicher Funkdienst
DEU for mobile radio

beweglicher Landfunkdienst
DEU for land mobile radio

bewegliches Kommunikationssystem
DEU for mobile communication

Bewegtbildanalyse
DEU for image motion analysis

Bewegung zum Durchschnitt
DEU for moving average processes

Bewegungskompensation
DEU for motion compensation

Bewegungsmessung
DEU for motion measurement

Bewegungsradiographie
DEU for scanning radiography

Bewegungsschätzung
DEU for motion estimation

Bewegungssteuerung
DEU for motion control

bewehrter Beton
DEU for reinforced concrete

Bewertung
DUS für appraisal

Bewertung
DEU for feedback

Bewetterung
DUS für ventilation

BGA
USE ball grid arrays

BGO detectors
USE solid scintillation detectors

Bh (chemical element)
USE bohrium
DEU Bh (chemisches Element)

Bh (chemisches Element)
DEU for Bh (chemical element)

BH lasers
USE semiconductor lasers

Bi (chemical element)
USE bismuth
DEU Bi (chemisches Element)

Bi (chemisches Element)
DEU for Bi (chemical element)

Bi-CMOS integrated circuits
USE BiCMOS integrated circuits

Bi-FET integrated circuits
USE monolithic integrated circuits

Bi-MOS integrated circuits
USE BIMOS integrated circuits

bi-stable noise
USE burst noise

bianisotropic media
USE anisotropic media

Bibliografie
DEU for bibliographies

bibliografisches System
DEU for bibliographic systems

bibliographic systems
BT information retrieval systems
UF *online public access catalogues / bibliographic systems + cataloguing + library automation + public information systems*
UF *OPAC / bibliographic systems + cataloguing + library automation + public information systems*
PT information retrieval systems
RT digital libraries
document delivery
full-text databases
information retrieval
information storage
DEU bibliografisches System
DSY bibliographisches System

Bibliographie
DUS für bibliographies

bibliographies
BT reviews
DEU Bibliografie
DSY Bibliographie

bibliographisches System
DUS für bibliographic systems

bibliometrics
USE information analysis

Bibliothek
DEU for libraries

Bibliotheksautomatisierung
DEU for library automation

Bibliotheksverbund
DEU for interlibrary loan

BiCMOS analoge integrierte Schaltung
DEU for BiCMOS analogue integrated circuits

BiCMOS analogue integrated circuits
BT analogue integrated circuits
BiCMOS integrated circuits
SY *linear BiCMOS circuits*
PT analogue processing circuits
BiCMOS integrated circuits
linear integrated circuits
RT analogue processing circuits
bipolar analogue integrated circuits
DEU BiCMOS analoge integrierte Schaltung

BiCMOS digital integrated circuits
BT BiCMOS integrated circuits
digital integrated circuits
NT BiCMOS logic circuits
BiCMOS memory circuits
PT BiCMOS integrated circuits
digital integrated circuits
RT application specific integrated circuits
bipolar digital integrated circuits
current-mode logic
emitter-coupled logic
DEU BiCMOS digitale integrierte Schaltung

BiCMOS digitale integrierte Schaltung
DEU for BiCMOS digital integrated circuits

BiCMOS integrated circuits
BT BIMOS integrated circuits
NT BiCMOS analogue integrated circuits
BiCMOS digital integrated circuits
SY *Bi-CMOS integrated circuits*
PT BIMOS integrated circuits
RT application specific integrated circuits
bipolar integrated circuits
CMOS integrated circuits
digital integrated circuits
power integrated circuits
DEU BiCMOS integrierte Schaltung

BiCMOS integrierte Schaltung
DEU for BiCMOS integrated circuits

BiCMOS logic circuits
BT BiCMOS digital integrated circuits
integrated logic circuits
PT BiCMOS integrated circuits
integrated logic circuits
RT application specific integrated circuits
bipolar logic circuits
current-mode logic
emitter-coupled logic
DEU BiCMOS-Logikschaltung

BiCMOS memory circuits
BT BiCMOS digital integrated circuits
integrated memory circuits
PT BiCMOS integrated circuits
DRAM chips
integrated memory circuits
SRAM chips
RT bipolar memory circuits
DRAM chips
SRAM chips

DEU BiCMOS-Speicherschaltkreis
DSY BiCMOS-Speicherschaltung

BiCMOS-Logikschaltung
DEU for BiCMOS logic circuits

BiCMOS-Speicherschaltkreis
DEU for BiCMOS memory circuits

BiCMOS-Speicherschaltung
DUS für BiCMOS memory circuits

biconical antennas
USE conical antennas

biconical nebulae
USE circumstellar matter
\+ infrared sources (astronomical)
\+ nebulae
\+ stellar winds

bicrystals
BT crystals
RT grain boundaries
DEU Bikristall
DSY Doppelkristall

bicycles
BT vehicles
PT vehicles
RT road vehicles
sports equipment
DEU Fahrrad

bidding (business)
USE tendering

Biegefestigkeit
DEU for bending strength

Biegemaschine
DEU for bending machines

Biegen
DEU for bending

Biegepresse
DUS für presses

Biegungsgrenze
DEU for twist boundaries

Biexciton
DEU for biexcitons

biexcitons
BT excitons
SY *excitonic molecules*
PT excitonic molecules
DEU Biexciton

bifurcation
NT catastrophe theory
SY *Hopf bifurcation*
RT chaos
Chua's circuit
Ginzburg-Landau theory
nonlinear dynamical systems
oscillations
pattern formation
predator-prey systems
reaction-diffusion systems
spatiotemporal phenomena
stability
DEU Bifurkation (Mathematik)

Bifurkation (Mathematik)
DEU for bifurcation

Big Data
BT data handling
RT business data processing
cloud computing
competitive intelligence
data analysis
data mining
data structures
data warehouses
information retrieval
records management
very large databases
DEU Big-Data-Verarbeitung
DSY Massendatenanalyse
Massendatenverarbeitung

big-bang theory
USE cosmology

Big-Data-Verarbeitung
DEU for Big Data

Bikristall
DEU for bicrystals

Bild-Wasserzeichenerzeugung
DEU for image watermarking

Bildaberration
DUS für aberrations

Bildabtastapparat
DEU for image scanners

Bildabtasteinrichtung
DUS für image scanners

Bildabtaster
DUS für image scanners

Bildabtastung
DEU for image sampling

Bildanpassung
DEU for image matching

Bildanreicherung
DEU for image enhancement

Bildarchivierungs- und Kommunikationssystem
DEU for PACS

Bildauflösung
DEU for image resolution

Bildaufnahme
DUS für imaging

Bildbearbeitung
DEU for image processing

Bildbearbeitungswerkzeug
DEU for image processing tools

Bildbewegungsanalyse
DUS für image motion analysis

Bildcodierung
DEU for image coding

Bilddarstellung
DEU for image representation

Bildebene
DEU for focal planes

Bildeffekt (dünner)
DEU for image thinning

Bildeinlesen
DEU for image capture

Bildentrauschen
DEU for image denoising

Bilderfassung
DUS für image capture

Bilderkennung
DEU for image recognition

Bilderzeugung
DUS für imaging

Bildfarbenanalyse
DEU for image colour analysis

Bildfernsprecher
DEU for videotelephony

Bildfolge
DEU for image sequences

Bildforensik
DEU for image forensics

Bildgebung
DUS für imaging

Bildintensivierer
DEU for image intensifiers

Bildklassifikation
DEU for image classification

Bildklassifizierung
DUS für image classification

Bildkonverter
DEU for image convertors

bildliche Datendarstellung
DEU for data visualisation

Bildmorphing
DEU for image morphing

Bildplatte
DEU for video discs

Bildrecherche
DEU for image retrieval

Bildregistrierung
DEU for image registration

Bildrekonstruktion
DEU for image reconstruction

Bildrestaurierung
DEU for image restoration

Bildröhre
DUS für television picture tubes

Bildsampling
DUS für image sampling

Bildscannen
DUS für image capture

Bildscanner
DUS für image scanners

Bildschirm
DEU for screens (display)

Bildschirmtext
USE viewdata

Bildschirmtext
DEU for viewdata

Bildsegmentierung
DEU for image segmentation

Bildsensor
DEU for image sensors

Bildspeicherröhre
DEU for image storage tubes

Bildstruktur
DEU for image texture

Bildsuche
DUS für image retrieval

Bildtelefon
DUS für videotelephony

Bildtextur
DUS für image texture

Bildüberlagerung
DEU for image fusion

Bildung
DUS für education

Bildungseinrichtung
DUS für educational institutions

Bildungsinstitut
DUS für educational institutions

Bildungsmethode
DUS für educational technology

Bildungstechnik
DUS für educational technology

Bildungstechnologie
DUS für educational technology

Bildungsverwaltungsdatenverarbeitung
DEU for educational administrative data processing

Bildungswärme
DEU for heat of formation

Bildungsweg
DUS für educational courses

Bildungswesen
DUS für education

bildungswirtschaftliche Computeranwendung
DEU for educational computing

bildungswirtschaftliche Rechneranwendung
DUS für educational computing

Bildverarbeitung
DUS für image processing
imaging

Bildverarbeitungsanlage
DEU for image processing equipment

Bildverarbeitungsausrüstung
DUS für image processing equipment

Bildverarbeitungsausstattung
DUS für image processing equipment

Bildverarbeitungseinrichtung
DUS für image processing equipment

Bildverarbeitungswerkzeug
DUS für image processing tools

Bildverbesserung
DUS für image enhancement

Bildverschmelzung
DUS für image fusion

Bildverstärker
DUS für image intensifiers

Bildverstärkung
DUS für image intensifiers

Bildwandler
DUS für image convertors

Bildwiedergewinnung
DUS für image retrieval

bilinear systems
BT nonlinear systems
PT nonlinear control systems
nonlinear systems
RT nonlinear control systems
DEU bilineares System
DSY doppellineares System

bilineares System
DEU for bilinear systems

billets
BT bars
UF *blooms (metal) / billets + blooming mills*
RT extrusion
forming processes
ingots
metallurgical industries
rolling mills
DEU Knüppel

billing
USE invoicing

bills of materials
BT inventory management
materials requirements planning
SY *BOM*
DEU Materialeinkauf

Bimetall
DEU for bimetals

bimetallic strips
USE bimetals

bimetallic wire
USE bimetals

bimetals
BT conducting materials
conductors (electric)
metals
SY *bimetallic strips*
bimetallic wire
RT composite materials
skin effect
thermometers
thermostats
DEU Bimetall

BIMOS integrated circuits
BT monolithic integrated circuits
NT BiCMOS integrated circuits
SY *BCDMOS integrated circuits*
Bi-MOS integrated circuits
PT monolithic integrated circuits
RT bipolar integrated circuits
integrated circuit technology
MOS integrated circuits
power integrated circuits
DEU integrierte BIMOS-Schaltung
DSY integrierter BIMOS-Schaltkreis

bin packing
BT computational geometry
knapsack problems
SY *cutting stock problem*
packing (operations research)
stock cutting
PT computational geometry
operations research
DEU Behälter (groß)
DSY Behälterverpackung
Großverpackung
Verpackungsbehälter

Binärcode
DEU for binary codes

binäre Datenstruktur
DUS für tree data structures

binäre Folge
DEU for binary sequences

binäre Reihe
DUS für binary sequences

binäre Suche
DUS für tree searching

binärer Code
DUS für binary codes

binärer Entscheidungsbaum
DEU for binary decision diagrams

binäres Entscheidungsdiagramm
DUS für binary decision diagrams

binaries (stellar)
USE binary stars

binary adders
USE adders

binary codes
BT codes
NT Gold codes
PT binary sequences
codes
error correction codes
RT binary sequences
decoding
error correction codes
m-sequences
product codes
DEU Binärcode
DSY binärer Code

binary decision diagrams
BT decision diagrams
SY *BDD*
OBDD
RT decision trees
directed graphs
logic design
logic testing
DEU binärer Entscheidungsbaum
DSY binäres Entscheidungsdiagramm

binary reflected codes
USE Gray codes

binary sequences
BT sequences
NT m-sequences
UF *Gold sequences / binary sequences + Gold codes*
SY *shift register sequences*
RT BCH codes
binary codes
block codes
codes
convolutional codes
cyclic codes
Gold codes
Hamming codes
Huffman codes
number theory
pseudonoise codes
random sequences
Reed-Solomon codes
switching theory
trellis codes
DEU binäre Folge
DSY binäre Reihe

binary stars
BT multiple stars
NT cataclysmic binary stars
eclipsing binary stars
X-ray binary stars
UF *anomalous Cepheids / binary stars + variable stars*
UF *barium II stars / binary stars + giant stars + supergiant stars*
SY *binaries (stellar)*
double stars
UF *ellipsoidal variables / binary stars + variable stars*
UF *interacting binary stars / binary stars + cataclysmic binary stars + eclipsing binary stars + X-ray binary stars*
UF *lambda And stars / binary stars + giant stars + variable stars*
UF *LUV stars / binary stars + ultraviolet sources (astronomical)*
UF *reflection variables / binary stars + variable stars*
UF *RS CVn stars / binary stars + variable stars*
SY *spectroscopic binaries*
UF *spectroscopically segregated binary stars / binary stars + ultraviolet sources (astronomical)*
SY *spectrum binaries*
stellar binaries
UF *SY For stars / binary stars + giant stars + infrared sources (astronomical) + variable stars*
SY *visual binaries*
PT multiple stars
DEU Doppelstern

binding energy
NT nuclear binding energy
SY *cohesive energy*
energy, binding
RT bonds (chemical)
crystal binding
lattice energy
LCAO calculations
total energy
DEU Bindungsenergie

binding, crystal
USE crystal binding

Bindung (chemisch)
DEU for bonds (chemical)

Bindungsenergie
DEU for binding energy

Bingham fluids
USE non-Newtonian fluids

Bingham plastics and solids
USE rheology

binomial distribution
BT statistical distributions
SY *negative binomial distribution*
RT random processes
statistical analysis
statistics
DEU Binominalverteilung

Binominalverteilung
DEU for binomial distribution

bio-inspired materials
BT materials
SY *biotemplates*
RT biomimetics
biomineralisation
nanotechnology
organic-inorganic hybrid materials
self-assembly
DEU bioangeregter Werkstoff

bio-optics
BT biophysics
optics
NT bioluminescence
SY *biophotonics*
RT biological effects of optical radiation
biomedical optical imaging
circadian rhythms
light absorption
light scattering
light transmission
oximetry
vision
DEU Biooptik

bioabbaubarer Werkstoff
DEU for biodegradable materials

bioabbaubares Material
DUS für biodegradable materials

bioacoustics
BT biophysics
NT phonocardiography
photoacoustic emissions
ultrasonic therapy
UF *biosonic generation / bioacoustics + mechanoception*
UF *echolocation (physiological) / bioacoustics + mechanoception*
PT biophysics
RT acoustic wave absorption
acoustic wave scattering
acoustic wave transmission
biocommunications
biological effects of acoustic radiation
biology
biomedical ultrasonics
hearing
mechanoception
sonar
DEU Bioakustik

Bioakustik
DEU for bioacoustics

bioangeregter Werkstoff
DEU for bio-inspired materials

Biobrennstoff
DEU for biofuel

biobutanol
USE biofuel
\+ organic compounds

bioceramics
BT biomedical materials
ceramics
PT biomedical materials
ceramics
RT composite materials
dentistry
glass ceramics
orthopaedics
prosthetics
DEU Biokeramik

Biochemie
DEU for biochemistry

biochemistry
BT biology
chemistry
RT biomineralisation
bioreactors
biotechnology
circadian rhythms
enzymatic fuel cells
enzymes
lab-on-a-chip
microbial electrolysis cells
microbial fuel cells
molecular biophysics

proteomics
QSAR
DEU Biochemie

biochips
USE lab-on-a-chip

biocommunications
NT speech
SY *animal communication*
zoosemiotics
RT bioacoustics
biocontrol
biocybernetics
hearing
learning systems
DEU Kommunikation (Biologie)

Biocomputer
DEU for biocomputers

Biocomputeranwendung
DEU for biocomputing

biocomputers
BT computers
PT computers
RT biocomputing
biomolecular electronics
biotechnology
DEU Biocomputer

biocomputing
BT computation theory
SY *DNA computing*
membrane computing
molecular computing
P systems
PT biocomputers
computation theory
RT biocomputers
biomolecular electronics
biotechnology
DEU Biocomputeranwendung
DSY Bioinformatik
biologische Computeranwendung
biologische Rechneranwendung
Biorechneranwendung

biocontrol
BT biology
RT biocommunications
biocybernetics
biomedical engineering
biophysics
drug delivery systems
ecology
fermentation
medical control systems
medical robotics
neuromuscular stimulation
prosthetics
DEU biologische Regelung

biocybernetics
BT cybernetics
NT brain models
SY *biological cybernetics*
bionics
RT adaptive control
artificial intelligence
biocommunications
biocontrol
biology
ecology
ergonomics
human factors
learning systems
living systems
man-machine systems
neural nets
predator-prey systems
robots
DEU Biokybernetik

biodegradable materials
BT materials
UF *biodegradation / biodegradable materials + environmental degradation*
RT biomedical materials
environmental degradation
plastics
polymers
recycling
renewable materials
sustainable development
DEU bioabbaubarer Werkstoff
DSY bioabbaubares Material
biologisch abbaubarer Werkstoff
biologisch abbaubares Material

biodegradation
USE biodegradable materials
\+ environmental degradation

biodiesel
USE biofuel

biodiffusion
BT biotransport
diffusion
UF *diffusion tensor imaging / biodiffusion + biomedical MRI*
UF *diffusion weighted imaging / biodiffusion + biomedical MRI*

PT biophysics
diffusion
RT biomembrane transport
DEU Biodiffusion

Biodiffusion
DEU for biodiffusion

bioelectric phenomena
BT biophysics
NT bioelectric potentials
SY *bioelectrical phenomena*
UF *biological effects of electric fields / bioelectric phenomena + biological effects of fields*
SY *electrophysiology*
UF *ion channels (biomembrane) / bioelectric phenomena + biomembrane transport*
PT bioelectrical phenomena
RT biological effects of fields
biomagnetism
biomedical electrodes
biomembrane transport
defibrillators
electric impedance imaging
electrical accidents
neuromuscular stimulation
skin
DEU bioelektrisches Phänomen

bioelectric potentials
BT bioelectric phenomena
electric potential
NT auditory evoked potentials
electro-oculography
electromyography
electroretinography
visual evoked potentials
SY *alpha-rhythm*
evoked potentials
potentials (bioelectric)
RT biomedical electronics
contact potential
electrocardiography
electroencephalography
medical signal processing
DEU bioelektrisches Potential
DSY bioelektrisches Potenzial

bioelectrical phenomena
USE bioelectric phenomena

bioelektrisches Phänomen
DEU for bioelectric phenomena

bioelektrisches Potential
DEU for bioelectric potentials

bioelektrisches Potenzial
DUS für bioelectric potentials

Bioenergiekonversion
DEU for bioenergy conversion

Bioenergieumwandlung
DUS für bioenergy conversion

bioenergy conversion
BT direct energy conversion
renewable energy sources
SY *biomass conversion*
PT energy resources
photosynthesis
solar energy conversion
RT biofuel
fuel gasification
fuel processing
photosynthesis
solar energy conversion
steam reforming
DEU Bioenergiekonversion
DSY Bioenergieumwandlung
Biokonversion

bioethanol
USE biofuel
\+ organic compounds

biofuel
BT fuel
UF *algal biofuel / aquaculture + biofuel + microorganisms*
UF *biobutanol / biofuel + organic compounds*
SY *biodiesel*
UF *bioethanol / biofuel + organic compounds*
SY *biogas*
PT fuel
RT agricultural products
bioenergy conversion
biotechnology
fuel gasification
fuel processing industries
land use
syngas
vegetable oils
DEU Biobrennstoff

biogas
USE biofuel

Biogefährdung
DEU for biohazards

Biogefahr
DUS für biohazards

Biografie
DEU for biographies

biographical dictionaries
USE biographies

Biographie
DUS für biographies

biographies
SY *biographical dictionaries*
RT history
DEU Biografie
DSY Biographie

biohazards
BT hazards
UF *bioterrorism / biohazards + terrorism*
SY *germ warfare*
PT health hazards
RT chemical hazards
diseases
health hazards
microorganisms
national security
DEU Biogefährdung
DSY Biogefahr
biologische Gefahr

biohydrogen production
USE hydrogen production

bioinformatics
BT biology computing
PT biology computing
RT medical computing
molecular biophysics
DEU Bioinformatik

Bioinformatik
DUS für biocomputing

Bioinformatik
DEU for bioinformatics

Biokeramik
DEU for bioceramics

Biokonversion
DUS für bioenergy conversion

Biokybernetik
DEU for biocybernetics

biological cybernetics
USE biocybernetics

biological effects of acoustic radiation
BT acoustic wave effects
biological effects of radiation
PT acoustic wave effects
biological effects of radiation
RT bioacoustics
biomolecular effects of radiation
cellular effects of radiation
ear protection
DEU biologische Wirkung akustischer Strahlung

biological effects of alpha-particles
USE alpha-particle effects
\+ biological effects of ionising particles

biological effects of beta-rays
USE beta-ray effects
\+ biological effects of ionising particles

biological effects of electric fields
USE bioelectric phenomena
\+ biological effects of fields

biological effects of electrons
USE biological effects of ionising particles
\+ electron beam effects

biological effects of fields
BT biological effects of radiation
UF *biological effects of electric fields / bioelectric phenomena + biological effects of fields*
UF *biological effects of magnetic fields / biological effects of fields + biomagnetism*
PT biological effects of radiation
RT bioelectric phenomena
biomagnetism
electric field effects
magnetic field effects
DEU biologische Wirkung von Feldern

biological effects of gamma-rays
BT biological effects of ionising radiation
gamma-ray effects
PT biological effects of radiation
gamma-ray effects
RT biomolecular effects of radiation
cellular effects of radiation
DEU biologische Gammastrahlen-Wirkung
DSY biologische Gammastrahlenwirkung
biologische Gammastrahlungs-Wirkung
biologische Gammastrahlungswirkung
biologische Wirkung von Gammastrahlen
biologische Wirkung von Gammastrahlung

biological effects of gravity
SY *biophysical effects of gravity*
RT aerospace biophysics
biomechanics
gravity
high gravity effects
zero gravity experiments
DEU biologische Wirkung der Gravitation
DSY biologische Wirkung der Schwerkraft

biological effects of infrared radiation
USE biological effects of optical radiation

biological effects of ionising particles
BT biological effects of ionising radiation
UF *biological effects of alpha-particles / alpha-particle effects + biological effects of ionising particles*
UF *biological effects of beta-rays / beta-ray effects + biological effects of ionising particles*
UF *biological effects of electrons / biological effects of ionising particles + electron beam effects*
SY *biological effects of ionizing particles*
UF *biological effects of ions / biological effects of ionising particles + ion beam effects*
UF *biological effects of protons / biological effects of ionising particles + proton effects*
PT biological effects of radiation
ion beam effects
RT alpha-particle effects
beta-ray effects
biomolecular effects of radiation
cellular effects of radiation
electron beam effects
ion beam effects
proton effects
DEU biologische Wirkung ionisierender Partikel
DSY biologische Wirkung ionisierender Teilchen

biological effects of ionising radiation
BT biological effects of radiation
NT biological effects of gamma-rays
biological effects of ionising particles
biological effects of X-rays
SY *biological effects of ionizing radiation*
radiobiology
PT biological effects of radiation
RT biomolecular effects of radiation
cellular effects of radiation
genetics
DEU biologische Wirkung von ionisierender Strahlung

biological effects of ionizing particles
USE biological effects of ionising particles

biological effects of ionizing radiation
USE biological effects of ionising radiation

biological effects of ions
USE biological effects of ionising particles
\+ ion beam effects

biological effects of laser radiation
BT biological effects of optical radiation
laser beam effects
UF *biological effects of ultraviolet laser radiation / biological effects of laser radiation + biological effects of ultraviolet radiation*
PT biological effects of radiation
laser beam effects
RT biomolecular effects of radiation
cellular effects of radiation
laser applications in medicine
DEU biologische Wirkung von Laserstrahlung

biological effects of magnetic fields
USE biological effects of fields
+ biomagnetism

biological effects of microwaves
BT biological effects of radiation
PT biological effects of radiation
RT biomolecular effects of radiation
cellular effects of radiation
hyperthermia
microwave heating
DEU biologische Wirkung von Mikrowellen

biological effects of neutrons
BT biological effects of radiation
neutron effects
PT biological effects of radiation
neutron effects
RT biomolecular effects of radiation
cellular effects of radiation
neutron capture therapy
DEU biologische Wirkung von Neutronen

biological effects of optical radiation
BT biological effects of radiation
NT biological effects of laser radiation
biological effects of ultraviolet radiation
SY *biological effects of infrared radiation*
PT biological effects of laser radiation
biological effects of radiation
RT bio-optics
DEU biologische Wirkung von optischer Licht
DSY biologische Wirkung von optischer Strahlung

biological effects of pressure
SY *biophysical effects of pressure*
RT biomechanics
high-pressure effects
oceanography
pressure
DEU biologische Wirkung von Druck

biological effects of protons
USE biological effects of ionising particles
+ proton effects

biological effects of radiation
BT radiation effects
NT biological effects of acoustic radiation
biological effects of fields
biological effects of ionising radiation
biological effects of microwaves
biological effects of neutrons
biological effects of optical radiation
biomolecular effects of radiation
cellular effects of radiation
SY *biophysical effects of radiation*
health effects of radiation
medical effects of radiation
radiation biology
radiation injuries
RT aerospace biophysics
biophysics
biothermics
dosimetry
health hazards
radiation protection
radiation therapy
radiofrequency heating
shielding
DEU biologische Wirkung von Strahlung

biological effects of ultraviolet laser radiation
USE biological effects of laser radiation
+ biological effects of ultraviolet radiation

biological effects of ultraviolet radiation
BT biological effects of optical radiation
ultraviolet radiation effects
UF *biological effects of ultraviolet laser radiation / biological effects of laser radiation + biological effects of ultraviolet radiation*
SY *erythema*
ultraviolet radiation effects, biological
PT biological effects of radiation
RT biomolecular effects of radiation
cellular effects of radiation
DEU biologische Wirkung von ultravioletter Strahlung

biological effects of X-rays
BT biological effects of ionising radiation
X-ray effects
PT biological effects of radiation
X-ray effects
RT biomolecular effects of radiation
cellular effects of radiation
DEU biologische Wirkung von Röntgenstrahlung

biological EPR
BT paramagnetic resonance
SY *biological ESR*
biological paramagnetic resonance
biomolecular EPR
PT paramagnetic resonance
RT biological techniques
EPR imaging
EPR spectroscopy
molecular biophysics
DEU biologische EPR

biological ESR
USE biological EPR

biological evolution
USE evolution (biological)

biological fluid dynamics
BT biomechanics
fluid dynamics
NT haemodynamics
pneumodynamics
PT biophysics
fluid dynamics
RT biology
biophysics
biorheology
biotransport
kidney
pulsatile flow
DEU biologische Flüssigkeitsdynamik

biological macromolecules
USE macromolecules
\+ molecular biophysics

biological membranes
USE biomembranes

biological NMR
BT nuclear magnetic resonance
SY *biomolecular NMR*
PT nuclear magnetic resonance
RT biological techniques
biomagnetism
biomedical NMR
molecular biophysics
NMR imaging
NMR spectroscopy
proton magnetic resonance
DEU biologische NMR

biological organs
NT artificial organs
brain
ear
eye
kidney
liver
lung
SY *organs, biological*
RT biological tissues
cardiology
physiology
DEU biologisches Organ
DSY Organ (Biologie)

biological paramagnetic resonance
USE biological EPR

biological rhythms
USE circadian rhythms

biological sciences
USE biology

biological specimen preparation
BT biological techniques
specimen preparation
PT biological techniques and instruments
specimen preparation
RT replica techniques
tissue engineering
DEU biologische Mustervorbereitung
DSY biologische Probenvorbereitung
Preparieren einer biologischen Probe
Preparieren eines biologischen Musters

biological techniques
NT biological specimen preparation
sterilisation (microbiological)
SY *biophysical instrumentation*
biophysical techniques
PT biological techniques and instruments
RT biological EPR
biological NMR
biology
biomedical electrodes
biomedical engineering
biomedical equipment
biomedical measurement
bioMEMS
biomimetics
biosensors
EPR imaging
genetic engineering
lab-on-a-chip
MALDI mass spectroscopy
microelectrodes
microfabrication

proteomics
vegetation mapping
DEU biologische Methode
DSY biologische Technik

biological tissues
NT blood vessels
bone
muscle
skin
tumours
SY *histology*
tissues, biological
RT biological organs
cellular biophysics
fats
phantoms
tissue engineering
DEU biologisches Gewebe

biological transport
USE biotransport

Biologie
DEU for biology

biologisch abbaubarer Werkstoff
DUS für biodegradable materials

biologisch abbaubares Material
DUS für biodegradable materials

biologische Computeranwendung
DUS für biocomputing

biologische Computeranwendunge
DEU for biology computing

biologische EPR
DEU for biological EPR

biologische Evolution
DEU for evolution (biological)

biologische Flüssigkeitsdynamik
DEU for biological fluid dynamics

biologische Gammastrahlen-Wirkung
DEU for biological effects of gamma-rays

biologische Gammastrahlenwirkung
DUS für biological effects of gamma-rays

biologische Gammastrahlungs-Wirkung
DUS für biological effects of gamma-rays

biologische Gammastrahlungswirkung
DUS für biological effects of gamma-rays

biologische Gefahr
DUS für biohazards

biologische Methode
DEU for biological techniques

biologische Mustervorbereitung
DEU for biological specimen preparation

biologische NMR
DEU for biological NMR

biologische Probenvorbereitung
DUS für biological specimen preparation

biologische Rechneranwendung
DUS für biocomputing
biology computing

biologische Regelung
DEU for biocontrol

biologische Technik
DUS für biological techniques

biologische Verfahrenstechnik
DEU for biotechnology

biologische Wirkung akustischer Strahlung
DEU for biological effects of acoustic radiation

biologische Wirkung der Gravitation
DEU for biological effects of gravity

biologische Wirkung der Schwerkraft
DUS für biological effects of gravity

biologische Wirkung ionisierender Partikel
DEU for biological effects of ionising particles

biologische Wirkung ionisierender Teilchen
DUS für biological effects of ionising particles

biologische Wirkung von Druck
DEU for biological effects of pressure

biologische Wirkung von Feldern
DEU for biological effects of fields

biologische Wirkung von Gammastrahlen
DUS für biological effects of gamma-rays

biologische Wirkung von Gammastrahlung
DUS für biological effects of gamma-rays

biologische Wirkung von ionisierender Strahlung
DEU for biological effects of ionising radiation

biologische Wirkung von Laserstrahlung
DEU for biological effects of laser radiation

biologische Wirkung von Mikrowellen
DEU for biological effects of microwaves

biologische Wirkung von Neutronen
DEU for biological effects of neutrons

biologische Wirkung von optischer Licht
DEU for biological effects of optical radiation

biologische Wirkung von optischer Strahlung
DUS für biological effects of optical radiation

biologische Wirkung von Röntgenstrahlung
DEU for biological effects of X-rays

biologische Wirkung von Strahlung
DEU for biological effects of radiation

biologische Wirkung von ultravioletter Strahlung
DEU for biological effects of ultraviolet radiation

biologischer Landbau
DEU for organic farming

biologisches Gewebe
DEU for biological tissues

biologisches Organ
DEU for biological organs

biology
BT natural sciences
NT biochemistry
biocontrol
biophysics
biotechnology
botany
cardiology
ecology
genetics
living systems
physiology
predator-prey systems
zoology
SY *biological sciences*
RT aquaculture
bioacoustics
biocybernetics
biological fluid dynamics
biological techniques
biology computing
blood
bone
ear
evolution (biological)
extraterrestrial life
eye
hearing
vision
DEU Biologie

biology computing
BT natural sciences computing
NT bioinformatics
UF *botany computing / biology computing + botany*
UF *zoology computing / biology computing + zoology*
PT biomedical applications of computers
RT biology
biotechnology
computerised instrumentation
environmental science computing
genomics
proteomics
DEU biologische Computeranwendunge
DSY biologische Rechneranwendung
Computeranwendung in der Biologie
Rechneranwendung in der Biologie

bioluminescence
BT bio-optics
chemiluminescence
PT chemiluminescence
RT cellular biophysics
molecular biophysics

DEU Biolumineszenz

Biolumineszenz
DEU for bioluminescence

biomagnetism
BT biophysics
magnetism
NT magnetocardiography
magnetoencephalography
transcranial magnetic stimulation
UF *biological effects of magnetic fields / biological effects of fields + biomagnetism*
PT biophysics
magnetic field effects
RT bioelectric phenomena
biological effects of fields
biological NMR
biomedical MRI
biomedical NMR
electrocardiography
electroencephalography
magnetic field effects
SQUID magnetometers
DEU Biomagnetismus

Biomagnetismus
DEU for biomagnetism

biomass conversion
USE bioenergy conversion

biomass gasification
USE fuel gasification

biomass materials
USE renewable energy sources
\+ renewable materials

Biomaterial
DEU for biomedical materials

biomechanics
BT biophysics
mechanics
NT biological fluid dynamics
gait analysis
SY *swimming*
PT biophysics
RT anthropometry
biological effects of gravity
biological effects of pressure
biomedical materials
biorheology
motion measurement
muscle
neuromuscular stimulation
orthopaedics
sport
DEU Biomechanik

Biomechanik
DEU for biomechanics

biomedical aids for handicapped
USE handicapped aids

biomedical applications of computers
USE medical computing

biomedical communication
BT biomedical engineering
telecommunication
NT biomedical telemetry
body sensor networks
PACS
telemedicine
SY *medical communication*
DEU biomedizinische Kommunikation

biomedical education
BT biomedical engineering
education
SY *medical education*
PT biomedical engineering
education
RT educational courses
electrical engineering education
engineering education
medicine
teaching
telemedicine
training
DEU biomedizinische Ausbildung
DSY biomedizinische Bildung

biomedical electrodes
BT biomedical equipment
electrodes
RT bioelectric phenomena
biological techniques
biomedical electronics
biosensors
defibrillators
electrocardiography
electroencephalography
microelectrodes
neuromuscular stimulation
prosthetics
DEU biomedizinische Elektrode

biomedical electronics
NT defibrillators
pacemakers
prosthetic power supplies
SY *medical electronics*

RT bioelectric potentials
biomedical electrodes
biomedical engineering
biomedical equipment
biosensors
drug delivery systems
electrocardiography
electroencephalography
patient monitoring
prosthetics
sensory aids
DEU biomedizinische Elektronik

biomedical engineering
BT engineering
NT biomedical communication
biomedical education
SY *hospital engineering*
medical engineering
RT biocontrol
biological techniques
biomedical electronics
biomedical equipment
biomedical materials
biomedical measurement
biomedical ultrasonics
biophysics
biotechnology
electrocardiography
electroencephalography
genetic engineering
hospitals
medicine
orthotics
patient diagnosis
patient monitoring
patient treatment
prosthetics
sensory aids
tissue engineering
DEU medizinische Technik

biomedical EPR imaging
USE biomedical MRI
\+ EPR imaging

biomedical equipment
NT biomedical electrodes
biomedical telemetry
biomedical transducers
catheters
endoscopes
medical robotics
SY *clinical equipment*
medical equipment
RT biological techniques
biomedical electronics
biomedical engineering
biomedical measurement
biosensors
body sensor networks
collimators
diagnostic radiography
electrocardiography
electroencephalography
gamma-ray apparatus
handicapped aids
laser applications in medicine
medical control systems
medical supplies
orthotics
patient monitoring
patient treatment
prosthetics
radioisotope imaging
sensory aids
sterilisation (microbiological)
surgery
X-ray apparatus
DEU biomedizinische Ausrüstung

biomedical image processing
USE medical image processing

biomedical imaging
BT imaging
patient diagnosis
NT angiocardiography
biomedical MRI
biomedical optical imaging
biomedical ultrasonics
diagnostic radiography
mammography
medical image processing
SY *medical imaging*
PT patient diagnosis
RT biomedical measurement
cancer
electric impedance imaging
medical signal detection
microwave imaging
millimetre wave imaging
radiofrequency imaging
radioisotope imaging
tomography
X-ray imaging
DEU biomedizinische Bilderzeugung
DSY biomedizinische Bildgebung

biomedical infrared imaging
USE biomedical optical imaging
\+ infrared imaging

biomedical laser applications
USE laser applications in medicine

biomedical materials
BT materials
NT bioceramics
UF *bionanomaterials / biomedical materials + nanobiotechnology*
RT antibacterial activity
biodegradable materials
biomechanics
biomedical engineering
cellular biophysics
dentistry
drug delivery systems
enamels
hydrogels
molecular biophysics
orthopaedics
phantoms
prosthetics
stents
sterilisation (microbiological)
tissue engineering
DEU Biomaterial
DSY biomedizinischer Werkstoff
biomedizinisches Material
Biowerkstoff

biomedical measurement
BT measurement
NT biomedical NMR
biomedical telemetry
blood flow measurement
blood pressure measurement
oximetry
plethysmography
SY *clinical measurement*
medical measurement
PT biomedical equipment
measurement
RT anthropometry
biological techniques
biomedical engineering
biomedical equipment
biomedical imaging
biomedical transducers
bioMEMS
densitometry
electrocardiography
electroencephalography
gait analysis
lab-on-a-chip
laser applications in medicine
medical image processing
medical signal detection
medical signal processing
patient diagnosis
DEU medizinische Messtechnik

biomedical MRI
BT biomedical imaging
magnetic resonance imaging
SY *angiography (MRI)*
UF *biomedical EPR imaging / biomedical MRI + EPR imaging*
SY *biomedical NMR imaging*
UF *diffusion tensor imaging / biodiffusion + biomedical MRI*
UF *diffusion weighted imaging / biodiffusion + biomedical MRI*
SY *fMRI*
functional magnetic resonance imaging
functional MRI (biomedical)
magnetic resonance imaging (biomedical)
medical MRI
MRI (biomedical)
NMR imaging (biomedical)
nuclear magnetic resonance imaging (biomedical)
PMR imaging (biomedical)
proton magnetic resonance imaging (biomedical)
zeugmatography
PT biomedical NMR
RT angiocardiography
biomagnetism
biomedical NMR
computerised tomography
EPR imaging
NMR imaging
phantoms
proton magnetic resonance
SQUID magnetometry
DEU biomedizinische Kernspintomographie
DSY biomedizinische Magnetresonanzbildgebung

biomedical NMR
BT biomedical measurement
nuclear magnetic resonance
SY *medical NMR*
PT biomedical measurement
nuclear magnetic resonance
patient diagnosis
proton magnetic resonance
RT biological NMR
biomagnetism
biomedical MRI
NMR spectroscopy
proton magnetic resonance
DEU biomedizinische Kernresonanz
DSY magnetische Kernresonanz in der Medizin

biomedical NMR imaging
USE biomedical MRI

biomedical optical imaging
BT biomedical imaging
optical images
UF *biomedical infrared imaging / biomedical optical imaging + infrared imaging*
UF *diffuse optical imaging / biomedical optical imaging + optical tomography*
UF *optical mammography / biomedical optical imaging + mammography*
PT biomedical imaging
RT bio-optics
endoscopes
infrared imaging
laser applications in medicine
mammography
medical image processing
optical tomography
DEU biomedizinische optische Bildgebung
DSY biomedizinische optische Bilerzeugung

biomedical phenomena
DEU biomedizinisches Phänomen

biomedical radiography
USE diagnostic radiography

biomedical signal detection
USE medical signal detection

biomedical signal processing
USE medical signal processing

biomedical telemetry
BT biomedical communication
biomedical equipment
biomedical measurement
telemetry
PT biomedical equipment
biomedical measurement
telemetering equipment
telemetering systems
RT body area networks
body sensor networks
patient monitoring
DEU biomedizinische Fernmessung
DSY biomedizinische Telemetrie

biomedical transducers
BT biomedical equipment transducers
PT biomedical equipment
biomedical ultrasonics
RT biomedical measurement
biomedical ultrasonics
biosensors
ultrasonic transducers
DEU biomedizinischer Geber
DSY biomedizinischer Wandler

biomedical ultrasonics
BT biomedical imaging
ultrasonic applications
NT echocardiography
SY *medical ultrasonics*
sonography
ultrasonography
PT patient diagnosis
ultrasonic applications
RT acoustic tomography
bioacoustics
biomedical engineering
biomedical transducers
blood flow measurement
computerised tomography
Doppler measurement
mammography
obstetrics
patient monitoring
patient treatment
phantoms
radiation therapy
ultrasonic imaging
ultrasonic measurement
DEU biomedizinische Ultraschalltechnik
DSY biomedizinischer Ultraschall

biomedizinische Ausbildung
DEU for biomedical education

biomedizinische Ausrüstung
DEU for biomedical equipment

biomedizinische Bilderzeugung
DEU for biomedical imaging

biomedizinische Bildgebung
DUS für biomedical imaging

biomedizinische Bildung
DUS für biomedical education

biomedizinische Elektrode
DEU for biomedical electrodes

biomedizinische Elektronik
DEU for biomedical electronics

biomedizinische Fernmessung
DEU for biomedical telemetry

biomedizinische Kernresonanz
DEU for biomedical NMR

biomedizinische Kernspintomographie
DEU for biomedical MRI

biomedizinische Kommunikation
DEU for biomedical communication

biomedizinische Magnetresonanzbildgebung
DUS für biomedical MRI

biomedizinische MEMS
DEU for bioMEMS

biomedizinische optische Bildgebung
DEU for biomedical optical imaging

biomedizinische optische Bilerzeugung
DUS für biomedical optical imaging

biomedizinische Telemetrie
DUS für biomedical telemetry

biomedizinische Ultraschalltechnik
DEU for biomedical ultrasonics

biomedizinischer Geber
DEU for biomedical transducers

biomedizinischer Ultraschall
DUS für biomedical ultrasonics

biomedizinischer Wandler
DUS für biomedical transducers

biomedizinischer Werkstoff
DUS für biomedical materials

biomedizinisches Material
DUS für biomedical materials

biomedizinisches Phänomen
DEU for biomedical phenomena

Biomembrane
DEU for biomembranes

biomembrane transport
BT biomembranes
cellular transport
UF *ion channels (biomembrane) / bioelectric phenomena* + *biomembrane transport*
SY *transport, biomembrane*
PT cellular biophysics
membranes
RT biodiffusion
bioelectric phenomena
molecular biophysics
neurophysiology
osmosis
DEU Biomembrantransport
DSY Transport im Biomembran

biomembranes
BT membranes
NT biomembrane transport
SY *biological membranes*
PT cellular biophysics
membranes
RT cellular biophysics
lipid bilayers
soft matter
DEU Biomembrane

Biomembrantransport
DEU for biomembrane transport

bioMEMS
BT micromechanical devices
PT micromechanical devices
RT biological techniques
biomedical measurement
biosensors
lab-on-a-chip
microfluidics
microsensors
DEU biomedizinische MEMS

biometrics (access control)
BT access control
NT fingerprint identification
handwriting recognition
iris recognition
palmprint recognition
vein recognition
SY *personal identity verification*
PT access control
RT authorisation
face recognition
speaker recognition
DEU Biometrie (Zugangskontrolle)

Biometrie (Zugangskontrolle)
DEU for biometrics (access control)

biomimetics
RT bio-inspired materials
biological techniques
biotechnology
intelligent materials
intelligent structures
Langmuir-Blodgett films
photosynthesis
tissue engineering
DEU Biomimetik
DSY Bionik

Biomimetik
DEU for biomimetics

biomineralisation
SY *biomineralization*
RT bio-inspired materials
biochemistry
orthotics
prosthetics
tissue engineering
DEU Biomineralisierung

Biomineralisierung
DEU for biomineralisation

biomineralization
USE biomineralisation

biomolecular effects of radiation
BT biological effects of radiation
molecular biophysics
PT biological effects of radiation
molecular biophysics
RT biological effects of acoustic radiation
biological effects of gamma-rays
biological effects of ionising particles
biological effects of ionising radiation
biological effects of laser radiation
biological effects of microwaves
biological effects of neutrons
biological effects of ultraviolet radiation
biological effects of X-rays
photosynthesis
DEU biomolekulare Wirkung von Strahlen
DSY biomolekulare Wirkung von Strahlung

biomolecular electronics
BT molecular electronics
PT integrated circuit technology
RT biocomputers
biocomputing
biotechnology
integrated circuit technology
proteins
DEU biomolekulare Elektronik

biomolecular EPR
USE biological EPR

biomolecular NMR
USE biological NMR

biomolecules
USE molecular biophysics

biomolekulare Elektronik
DEU for biomolecular electronics

biomolekulare Wirkung von Strahlen
DEU for biomolecular effects of radiation

biomolekulare Wirkung von Strahlung
DUS für biomolecular effects of radiation

bionanomaterials
USE biomedical materials
\+ nanobiotechnology

bionics
USE biocybernetics

Bionik
DUS für biomimetics

Biooptik
DEU for bio-optics

biophotonics
USE bio-optics

biophysical effects of gravity
USE biological effects of gravity

biophysical effects of pressure
USE biological effects of pressure

biophysical effects of radiation
USE biological effects of radiation

biophysical instrumentation
USE biological techniques

biophysical techniques
USE biological techniques

biophysics
BT biology
physics
NT aerospace biophysics
bio-optics
bioacoustics
bioelectric phenomena
biomagnetism
biomechanics
biothermics
cellular biophysics
molecular biophysics
RT biocontrol
biological effects of radiation
biological fluid dynamics
biomedical engineering
biotechnology
blood
bone
cardiology
ear
eye
hearing
speech
vision
zero gravity experiments
DEU Biophysik

Biophysik
DEU for biophysics

bioreactors
BT biotechnology
chemical reactors
PT biotechnology
RT biochemistry
enzymatic fuel cells
fermentation
microbial electrolysis cells
DEU Bioreaktor

Bioreaktor
DEU for bioreactors

Biorechneranwendung
DUS für biocomputing

Biorheologie
DEU for biorheology

biorheology
BT rheology
NT haemorheology
PT biological fluid dynamics
rheology
RT biological fluid dynamics
biomechanics
DEU Biorheologie

Biorhythmus
DEU for circadian rhythms

Biosensor
DEU for biosensors

biosensors
BT sensors
PT biological techniques and instruments
biomedical equipment
electric sensing devices
nonelectric sensing devices
RT amperometric sensors
biological techniques
biomedical electrodes
biomedical electronics
biomedical equipment
biomedical transducers
bioMEMS
biotechnology
chemical sensors
chemical variables measurement
electric sensing devices
electronic noses
lab-on-a-chip
nanobiotechnology
nanomedicine
nanosensors
nonelectric sensing devices
quartz crystal microbalances
sensor arrays
DEU Biosensor

biosonic generation
USE bioacoustics
\+ mechanoception

Biot-Savart law
USE electromagnetism

Biotechnologie
DUS für biotechnology

biotechnology
BT biology
technology
NT bioreactors
nanobiotechnology
UF *microbial hydrometallurgy / biotechnology + mineral processing*
PT biology
engineering

RT biochemistry
biocomputers
biocomputing
biofuel
biology computing
biomedical engineering
biomimetics
biomolecular electronics
biophysics
biosensors
enzymatic fuel cells
enzymes
genetic engineering
microbial electrolysis cells
microbial fuel cells
mineral processing
sterilisation (microbiological)
DEU biologische Verfahrenstechnik
DSY Biotechnologie

biotemplates
USE bio-inspired materials

bioterrorism
USE biohazards
+ terrorism

biothermics
BT biophysics
NT hyperthermia
SY *cryobiology*
PT biophysics
RT biological effects of radiation
circadian rhythms
temperature distribution
temperature measurement
DEU Biothermie

Biothermie
DEU for biothermics

biotite
USE mica

biotransport
BT transport processes
NT biodiffusion
cellular transport
SY *biological transport*
PT biophysics
transport processes
RT biological fluid dynamics
chemioception
neurophysiology
DEU Biotransport

Biotransport
DEU for biotransport

Biowerkstoff
DUS für biomedical materials

biped locomotion
USE legged locomotion

Bipoaron
DEU for bipolarons

bipolar analogue integrated circuits
BT analogue integrated circuits
bipolar integrated circuits
SY *linear bipolar circuits*
PT analogue processing circuits
bipolar integrated circuits
linear integrated circuits
RT analogue processing circuits
BiCMOS analogue integrated circuits
DEU bipolare rintegrierte Analogschaltung
DSY bipolarer integrierter Analogschaltkreis

bipolar digital integrated circuits
BT bipolar integrated circuits
digital integrated circuits
NT bipolar logic circuits
bipolar memory circuits
PT bipolar integrated circuits
digital integrated circuits
RT application specific integrated circuits
BiCMOS digital integrated circuits
current-mode logic
emitter-coupled logic
DEU bipolere interierte Digitalschaltung
DSY bipolerer interierter Digitalschaltkreis

bipolar integrated circuits
BT monolithic integrated circuits
NT bipolar analogue integrated circuits
bipolar digital integrated circuits
bipolar MIMIC
bipolar MMIC
PT monolithic integrated circuits
RT BiCMOS integrated circuits
BIMOS integrated circuits
bipolar transistor circuits
bipolar transistors
heterojunction bipolar transistors
integrated injection logic
DEU bipolare integrierte Schaltung

DSY bipolarer integrierter Schaltkreis

bipolar junction transistors
USE bipolar transistors

bipolar logic circuits
BT bipolar digital integrated circuits
integrated logic circuits
PT bipolar integrated circuits
integrated logic circuits
RT application specific integrated circuits
BiCMOS logic circuits
current-mode logic
emitter-coupled logic
transistor-transistor logic
DEU bipolare Logikschaltung
DSY bipolarer Logikschaltkreis

bipolar memory circuits
BT bipolar digital integrated circuits
integrated memory circuits
PT bipolar integrated circuits
DRAM chips
integrated memory circuits
SRAM chips
RT BiCMOS memory circuits
DRAM chips
SRAM chips
DEU bipolare Speicherschaltung
DSY bipolarer Speicherschaltkreis

bipolar MIMIC
BT bipolar integrated circuits
MIMIC
SY *millimetre wave bipolar integrated circuits*
MM-wave bipolar integrated circuits
PT bipolar integrated circuits
MMIC
RT bipolar MMIC
millimetre wave bipolar transistors
DEU Bipolar-MIMIC

bipolar MMIC
BT bipolar integrated circuits
MMIC
SY *microwave bipolar integrated circuits*
PT bipolar integrated circuits
MMIC
RT bipolar MIMIC
microwave bipolar transistors
DEU Bipolar-MMIC

bipolar nebulae
USE astrophysical jets
\+ circumstellar matter
\+ infrared sources (astronomical)
\+ nebulae
\+ stellar winds

bipolar transistor circuits
BT transistor circuits
PT bipolar transistors
RT bipolar integrated circuits
bipolar transistor switches
bipolar transistors
DEU bipolare Transistorschaltung
DSY bipolarer Transistorschaltkreis

bipolar transistor switches
BT bipolar transistors
semiconductor switches
PT bipolar transistors
semiconductor switches
RT bipolar transistor circuits
power bipolar transistors
power semiconductor switches
DEU bipolarer Transistorschalter

bipolar transistors
BT transistors
NT bipolar transistor switches
heterojunction bipolar transistors
microwave bipolar transistors
millimetre wave bipolar transistors
permeable base transistors
power bipolar transistors
UHF bipolar transistors
SY *bipolar junction transistors*
BJT
Darlington transistors
metal base transistors
RT bipolar integrated circuits
bipolar transistor circuits
hot electron transistors
insulated gate bipolar transistors
tunnel transistors
unijunction transistors
DEU Bipolartransistor

Bipolar-MIMIC
DEU for bipolar MIMIC

Bipolar-MMIC
DEU for bipolar MMIC

bipolare integrierte Schaltung
DEU for bipolar integrated circuits

bipolare Logikschaltung
DEU for bipolar logic circuits

bipolare rintegrierte Analogschaltung
DEU for bipolar analogue integrated circuits

bipolare Speicherschaltung
DEU for bipolar memory circuits

bipolare Transistorschaltung
DEU for bipolar transistor circuits

bipolarer integrierter Analogschaltkreis
DUS für bipolar analogue integrated circuits

bipolarer integrierter Schaltkreis
DUS für bipolar integrated circuits

bipolarer Leistungtransistor
DEU for power bipolar transistors

bipolarer Logikschaltkreis
DUS für bipolar logic circuits

bipolarer Speicherschaltkreis
DUS für bipolar memory circuits

bipolarer Transistorschalter
DEU for bipolar transistor switches

bipolarer Transistorschaltkreis
DUS für bipolar transistor circuits

bipolarer UHF-Transistor
DEU for UHF bipolar transistors

bipolarons
BT polarons
PT polarons
RT magnetic polarons
DEU Bipoaron

Bipolartransistor
DEU for bipolar transistors

bipolere interierte Digitalschaltung
DEU for bipolar digital integrated circuits

bipolerer interierter Digitalschaltkreis
DUS für bipolar digital integrated circuits

biquadratic filters
BT active filters
PT active filters
RT nonlinear filters
switched capacitor filters
DEU biquadratischer Filter

biquadratischer Filter
DEU for biquadratic filters

birefringence
BT optical properties
NT flow birefringence
mechanical birefringence
SY *double refraction*
extraordinary ray
RT electro-optical devices
Kerr electro-optical effect
light
light polarisation
light refraction
magneto-optical effects
optical constants
optical fibre polarisation
optical rotation
photoelasticity
refraction
refractive index
DEU Doppelbrechung

bisimulation equivalence
BT algorithm theory
formal logic
DEU Bisimulations-Äquivalenz
DSY Bisimulationsäquivalenz

Bisimulations-Äquivalenz
DEU for bisimulation equivalence

Bisimulationsäquivalenz
DUS für bisimulation equivalence

bismuth
BT semimetals
SY *Bi (chemical element)*
RT bismuth alloys
bismuth compounds
DEU Bismut
DSY Wismut

bismuth alloys
BT alloys
PT bismuth compounds
RT bismuth
bismuth compounds
DEU Bismutlegierung
DSY Wismutlegierung

bismuth compounds
BT inorganic compounds
RT bismuth
bismuth alloys
DEU Bismutverbindung
DSY Wismutverbindung

Bismutlegierung
DEU for bismuth alloys

Bismutverbindung
DEU for bismuth compounds

Bismut
DEU for bismuth

BIST
USE built-in self test

bistabile Kippschaltung
DEU for flip-flops

bistable multivibrators
USE flip-flops

bistable optical devices
USE optical bistability

bit error rate
USE error statistics

bit-mapped graphics
BT computer graphics
PT computer graphics
DEU Bitmap-Bild
DSY Bitmap-Grafik
Bitmap-Graphik

Bit-Scheiben-Computer
DEU for bit-slice computer

bit-slice computer
BT digital computers
PT digital computers
DEU Bit-Scheiben-Computer
DSY Bit-Teil-Computer

Bit-Teil-Computer
DUS für bit-slice computer

Bitbus
USE peripheral interfaces

Bitmap-Bild
DEU for bit-mapped graphics

Bitmap-Grafik
DUS für bit-mapped graphics

Bitmap-Graphik
DUS für bit-mapped graphics

Bitter patterns
USE magnetic domains

bitumen
BT organic compounds
SY *petroleum-derived pitch*
PT organic compounds
RT asphalt
coal tar
crude oil
oil sands
waterproofing
DEU Bitumen

Bitumen
DEU for bitumen

BJT
USE bipolar transistors

Bk (chemical element)
USE berkelium
DEU Bk (chemisches Element)

Bk (chemisches Element)
DEU for Bk (chemical element)

BL Her stars
USE variable stars

BL Lac-Typ-Objekt
DEU for BL Lac-type objects

BL Lac-type objects
BT active galaxies
infrared sources (astronomical)
radiosources (astronomical)
SY *BL Lacertae-type objects*
UF *blazars / BL Lac-type objects + quasars*
SY *Lacertids*
PT BL Lacertae-type objects
RT galactic nuclei
radiogalaxies
DEU BL Lac-Typ-Objekt

BL Lacertae-type objects
USE BL Lac-type objects

black dwarfs
USE dwarf stars

black holes
SY *collapsars*
Kerr metric
otons
PT gravitational collapse
RT accretion disks

cosmology
galactic nuclei
gravitational collapse
quasi-periodic oscillations (astronomical)
stars
X-ray binary stars
DEU Schwarzes Loch

blackboard architecture
BT knowledge representation
PT knowledge representation
DEU Tafelarchitektur

blackbody radiation
BT heat radiation
PT heat radiation
RT emissivity
DEU schwarze Strahlung
DSY Schwarzkörperstrahlung

blades
BT mechanical products
UF *blisks / blades + discs (structures)*
UF *turbomachine blades / blades + turbomachinery*
SY *vanes*
RT agricultural machinery
cutting tools
fans
impellers
propellers
rotors (mechanical)
turbomachinery
DEU Klinge
DSY Sägeblatt

blanking
BT manufacturing processes
RT metalworking
sheet metal processing
DEU Ausschneiden

Blase
DEU for bubbles

Blasebalg
DEU for bellows

Blasenkammer
DEU for bubble chambers

Blasformen
DEU for blow moulding

blast furnaces
BT furnaces
PT furnaces
RT metallurgical industries
smelting
steel manufacture
DEU Hochofen

blast waves
USE detonation waves

Blatt (Pflanze)
DEU for foliage

Blauverschiebung
DEU for blue shift

blazars
USE BL Lac-type objects
\+ quasars

Blazhko effect
USE stellar pulsations
\+ variable stars

bleaching (materials processing)
BT manufacturing processes
PT paper industry
RT ozonation (materials processing)
paper making
process control
pulp manufacture
textile technology
DEU Bleichen (Materialbearbeitung)
DSY Bleichen (Werkstoffbearbeitung)

bleaching, optical
USE optical saturable absorption

Blech
DEU for sheet materials

Blechbüchse
DEU for cans

Blechdose
DUS für cans

Blechpaket
DEU for laminations

Blechumformen
DUS für pressing

Blechverarbeitung
DEU for sheet metal processing

Blei
DEU for lead

Blei-Säure-Akkumulator
DEU for lead acid batteries

Bleiakkumulator
DUS für lead acid batteries

Bleichen (Materialbearbeitung)
DEU for bleaching (materials processing)

Bleichen (Werkstoffbearbeitung)
DUS für bleaching (materials processing)

Bleilegierung
DEU for lead alloys

Bleilöten
DEU for lead bonding

Bleisatz
DEU for lead typesetting

Bleiverbindung
DEU for lead compounds

blending
BT mixing
RT polymer blends
DEU Mischen (Chemietechnik)
DSY Mischen (Vefahrenstechnik)

Blickverfolgung
DUS für gaze tracking

Blidabtastgerät
DUS für image scanners

blight
USE plant diseases

blimps
USE airships

blind equalisers
BT equalisers
SY *blind equalizers*
PT adaptive equalisers
equalisers
RT adaptive equalisers
adaptive filters
decision feedback equalisers
interference suppression
intersymbol interference
DEU Blindentzerrer

blind equalizers
USE blind equalisers

blind signal separation
USE blind source separation

blind source separation
BT source separation
SY *blind signal separation*
PT array signal processing
signal processing
RT adaptive signal processing
array signal processing
higher order statistics
independent component analysis
principal component analysis
signal detection
signal sources
statistical analysis
DEU Blindquellenseparation
DSY Blindquellenseparierung
Blindquellentrennung

Blindentzerrer
DEU for blind equalisers

Blindleistungsregelung
DEU for reactive power control

Blindquellenseparation
DEU for blind source separation

Blindquellenseparierung
DUS für blind source separation

Blindquellentrennung
DUS für blind source separation

Blindwiderstand
DEU for electric reactance

Blindwiderstandsmessung
DEU for electric reactance measurement

blisks
USE blades
\+ discs (structures)

Blitz
DEU for lightning

Blitzlampe
DEU for flash lamps

Blitzschutz
DEU for lightning protection

Bloch line memories
BT magnetic storage
PT magnetic bubble memories
RT magnetic bubble memories
magnetic domain walls
magnetic film stores
DEU Bloch-Linienspeicher

Bloch walls
USE magnetic domain walls

Bloch-Linienspeicher
DEU for Bloch line memories

block codes
BT codes
NT space-time block codes
SY *sliding block codes*
PT codes
error correction codes
RT algebraic geometric codes
binary sequences
channel coding
Golay codes
parity check codes
product codes
Reed-Muller codes
runlength codes
space-time codes
variable rate codes
DEU Blockcode

block polymers
USE polymer blends

Blockcode
DEU for block codes

Blockwalzwerk
DEU for blooming mills

blogs
USE Web sites

blood
UF *blood platelets / blood + cellular biophysics*
UF *erythrocytes / blood + cellular biophysics*
SY *haematology*
hematology
UF *leucocytes / blood + cellular biophysics*
UF *lymphocytes / blood + cellular biophysics*
RT biology
biophysics
blood vessels
cardiology
haemodynamics
haemorheology
oximetry
physiology
DEU Blut

blood circulation
USE haemodynamics
\+ haemorheology

blood dynamics
USE haemodynamics

blood flow
USE haemodynamics
\+ haemorheology

blood flow measurement
BT biomedical measurement
flow measurement
haemodynamics
PT biomedical measurement
flow measurement
haemodynamics
RT biomedical ultrasonics
blood pressure measurement
haemorheology
laser applications in medicine
DEU Blutströmungsmessung

blood platelets
USE blood
\+ cellular biophysics

blood pressure measurement
BT biomedical measurement
haemodynamics
pressure measurement
PT biomedical measurement
haemodynamics
pressure measurement
RT blood flow measurement
DEU Blutdruckmessung

blood vessels
BT biological tissues
SY *arteries (medical)*
veins (medical)
RT blood
cardiovascular system
haemodynamics
haemorheology
retinal recognition
stents
vein recognition
DEU Ader (Anatomie)
DSY Blutgefäß

Bloom filters
USE data structures

blooming mills
BT rolling mills
UF *blooms (metal) / billets + blooming mills*
PT rolling mills
RT rolling
steel
steel manufacture
DEU Blockwalzwerk

blooms (metal)
USE billets
\+ blooming mills

blow moulding
BT moulding
SY *film blowing*
PT moulding
RT plastics industry
DEU Blasformen

blowing problem
USE boundary layers

blue brittleness
USE brittleness

blue jets
USE sprites

blue shift
USE spectral line shift
DEU Blauverschiebung

blue stragglers
USE stars

Bluetooth
BT personal area networks
telecommunication standards
SY *IEEE 802.15.1 networks*
RT cellular radio
data communication
digital radio
frequency hop communication
indoor radio
mobile computing
mobile radio
packet radio networks
picocellular radio
protocols
radio links
spread spectrum communication
wireless LAN
Zigbee
DEU Bluetooth (Computer)

Bluetooth (Computer)
DEU for Bluetooth

Blumenmodell
DUS für flavour model

Blut
DEU for blood

Blutdruck
DUS für pressure

Blutdruckmessung
DEU for blood pressure measurement

Blutdrucksensor
DUS für pressure sensors

Blutdynamik
DEU for haemodynamics

Blutgefäß
DUS für blood vessels

Blutrheologie
DEU for haemorheology

Blutströmungsmessung
DEU for blood flow measurement

board computers
USE microcomputers

boat building industry
USE shipbuilding industry

boats
BT marine vehicles
SY *barges*
yachts
PT marine vehicles
ships
RT canals
fishing industry
inflatable structures
marine navigation
marine propulsion
ships
DEU Boot

Bode diagrams
BT diagrams
graphs
stability
RT amplification
control system analysis
control system synthesis

frequency response
stability criteria
DEU Bode-Diagramm

Bode-Diagramm
DEU for Bode diagrams

Bodendruck
DUS für pressure

Bodendurchdringungsradar
DEU for ground penetrating radar

Bodeneindringradar
DUS für ground penetrating radar

Bodenmaterial
DEU for soil

Bodennutzung
DEU for land use

Bodensanierung
DEU for soil pollution control

Bodenunterstützungsausrüstung
DEU for ground support equipment

Bodenunterstützungssystem
DEU for ground support systems

Bodenverschmutzung
DEU for soil pollution

Bodenverschmutzungskontrolle
DUS für soil pollution control

body area networks
BT radio networks
RT biomedical telemetry
body sensor networks
mobile radio
patient monitoring
personal area networks
radiotelemetry
wireless sensor networks
DEU Körpernetz

body sensor networks
BT biomedical communication
wireless sensor networks
PT patient monitoring
wireless sensor networks
RT biomedical equipment
biomedical telemetry
body area networks
patient monitoring
DEU Körpersensornetz

Bogenlampe
DEU for arc lamps

Boger fluids
USE non-Newtonian fluids

Bogoliubov-Born-Green-Kirkwood-Yvon equation
USE integro-differential equations

Bohnern
DEU for burnishing

Bohren
DEU for drilling

Bohren (Geotechnik)
DEU for drilling (geotechnical)

bohrium
BT transactinides
SY *Bh (chemical element)*
element 107
DEU Bohrium

Bohrium
DEU for bohrium

Bohrlochmessung
DEU for well logging

Bohrmaschine
DEU for drilling machines

Bohrmaschine (allgemein)
DEU for boring machines

Bohrmaschine (allgemein)
DUS für drilling machines

Boiler
DEU for boilers

boilers
BT heat systems
NT nuclear reactor steam generators
SY *reboilers*
steam boilers
steam generators
water boilers
RT deaeration
furnaces
heat recovery
nuclear power stations
power stations
process heating
Rankine cycle
steam

steam engines
steam plants
steam turbines
waste heat
DEU Boiler
DSY Dampfkessel

boiling
BT liquid-vapour transformations
vaporisation
NT film boiling
SY *nucleate boiling*
pool boiling
subcooled boiling
transition boiling
RT boiling point
distillation
evaporation
heating
DEU Kochen
DSY Sieden

boiling point
BT critical points
temperature
thermodynamic properties
RT boiling
film boiling
heat of vaporisation
vapour pressure
DEU Siedepunkt

Bolometer
DEU for bolometers

bolometers
BT radiometers
RT infrared detectors
resistance thermometers
standing wave meters
temperature measurement
thermal variables measurement
thermistors
DEU Bolometer

bolts
USE fasteners

Boltzmann constant
USE constants

Boltzmann equation
BT integro-differential equations
UF *transport equation / Boltzmann equation + Poisson equation*
RT kinetic theory
lattice Boltzmann methods
Poisson equation
statistical mechanics
transport processes
DEU Boltzmann-Gleichung

Boltzmann machines
BT neural nets
PT neural nets
RT learning (artificial intelligence)
DEU Boltzmann-Maschine

Boltzmann-Gitter-Methode
DEU for lattice Boltzmann methods

Boltzmann-Gleichung
DEU for Boltzmann equation

Boltzmann-Maschine
DEU for Boltzmann machines

Boltzmann-Vlasov equation
USE Vlasov equation

BOM
USE bills of materials

bond angles
BT bonds (chemical)
PT bonds (chemical)
RT molecular configurations
DEU Verbundwinkel

bond distance
USE bond lengths

bond energy
USE ionisation potential

bond graphs
BT graph theory
PT graph theory
RT artificial intelligence
circuit theory
control engineering
modelling
system theory
DEU Verbindungsgraph
DSY Verbundgraph

bond lengths
BT bonds (chemical)
UF *Badgers rule / bond lengths + molecular force constants*
SY *bond distance*
PT bonds (chemical)
RT molecular configurations
DEU Verbindungslänge
DSY Verbundlänge

Bonden (Prozess)
DEU for bonding processes

Bondieren (Prozess)
DUS für bonding processes

bonding processes
BT joining processes
NT adhesive bonding
diffusion bonding
integrated circuit bonding
lead bonding
ultrasonic bonding
RT welding
DEU Bonden (Prozess)
DSY Bondieren (Prozess)
Verbinden (Prozess)

bonds (adhesive)
USE adhesive bonding

bonds (chemical)
BT chemical structure
NT bond angles
bond lengths
crystal binding
dangling bonds
hydrogen bonds
SY *BEBO method*
chemical bonds
UF *ligand field theory / bonds (chemical) + crystal field interactions + molecular electronic states*
SY *molecular bonds*
RT binding energy
crystal chemistry
crystal structure
electronegativity
intermolecular forces
ionisation potential
lattice energy
molecular configurations
DEU Bindung (chemisch)

bonds, dangling
USE dangling bonds

bone
BT biological tissues
materials
SY *osteology*
UF *skeleton / bone + orthopaedics*
UF *spine / bone + neurophysiology + orthopaedics*
PT materials
RT biology
biophysics
muscle
orthopaedics
DEU Knochen

Bonner sphere detectors
USE scintillation counters

bonuses
USE incentive schemes

bookkeeping
BT accounting
PT accounting
DEU Buchhaltung

Boole algebra
USE Boolean algebra

Boole-Algebra
DEU for Boolean algebra

Boole-Funktion
DEU for Boolean functions

Boolean algebra
BT algebra
NT Boolean functions
SY *Boole algebra*
Boolean lattices
RT formal logic
set theory
switching theory
DEU Boole-Algebra
DSY Boolsche-Algebra

Boolean functions
BT Boolean algebra
formal logic
functions
RT decision diagrams
stack filters
switching functions
DEU Boole-Funktion
DSY Boolsche-Funktion

Boolean lattices
USE Boolean algebra

Boolsche-Algebra
DUS für Boolean algebra

Boolsche-Funktion
DUS für Boolean functions

boost converters
USE power convertors

boost convertors
USE power convertors

booster injectors
BT particle accelerators
SY *particle boosters*
PT particle accelerators
RT beam handling equipment
particle beam injection
DEU Zündinjektor (Beschleuniger)

boosters (electric generators)
USE exciters

Boot
DEU for boats

Booten
DUS für bootstrapping

Booten des Computers
DEU for computer bootstrapping

booting up (computers)
USE computer bootstrapping

Bootprogramm
DUS für bootstrapping

Bootprogrammladen
DUS für bootstrapping

Bootprogrammlader
DUS für bootstrap circuits

Bootprogrammladeschaltung
DUS für bootstrap circuits

Bootschaltkreis
DUS für bootstrap circuits

Bootschaltung
DUS für bootstrap circuits

bootstrap circuits
BT networks (circuits)
SY *bootstrapping (circuits)*
PT networks (circuits)
DEU Anfangslader
DSY Anfangsprogrammlader
Bootprogrammlader
Bootprogrammladeschaltung
Bootschaltkreis
Bootschaltung

bootstrap models
USE bootstrapping
\+ statistical analysis

bootstrap theory
USE bootstrapping
\+ statistical analysis

bootstrapping
BT composite hadrons
UF *bootstrap models / bootstrapping + statistical analysis*
UF *bootstrap theory / bootstrapping + statistical analysis*
UF *bootstraps / bootstrapping + statistical analysis*
PT hadron scattering
RT elementary particle interaction models
quantum field theory
DEU Anfangsladen
DSY Anfangsprogramm
Anfangsprogrammladen
Booten
Bootprogramm
Bootprogrammladen
Computerstart

bootstrapping (circuits)
USE bootstrap circuits

bootstrapping (computers)
USE computer bootstrapping

bootstrapping (statistics)
USE statistical analysis

bootstraps
USE bootstrapping
\+ statistical analysis

Bor (chemisches Element)
DEU for boron

borate glasses
BT glass
NT borosilicate glasses
PT boron compounds
glass
RT boron compounds
DEU Boratglas

Boratglas
DEU for borate glasses

Bordcomputer (Flugzeug)
DEU for aircraft computers

Bordelektronik
DUS für avionics

Bordoni effect
BT anelastic relaxation
PT internal friction
RT dislocation damping
dislocations
internal friction
DEU Bordoni-Effekt

Bordoni-Effekt
DEU for Bordoni effect

Bordradar
DEU for airborne radar

borehole drilling
USE drilling (geotechnical)

boring
BT machining
PT machining
RT boring machines
drilling
milling
turning (machining)
DEU Feinbohren

boring machines
BT machine tools
PT machine tools
RT boring
construction equipment
machining chatter
milling machines
DEU Bohrmaschine (allgemein)
DSY Feinbohrmaschine

Borlegierung
DEU for boron alloys

boron
BT semimetals
SY *B (chemisches Element)*
RT boron alloys
boron compounds
DEU Bor (chemisches Element)

boron alloys
BT alloys
RT boron
boron compounds
DEU Borlegierung

boron compounds
BT inorganic compounds
RT borate glasses
boron
boron alloys
DEU Borverbindung

boron neutron capture therapy
USE neutron capture therapy

boronising
USE surface hardening

borophosphosilicate glasses
USE borosilicate glasses
\+ phosphosilicate glasses

borosilicate glasses
BT borate glasses
UF *borophosphosilicate glasses / borosilicate glasses + phosphosilicate glasses*
UF *BPSG / borosilicate glasses + phosphosilicate glasses*
SY *BSG*
PT boron compounds
glass
DEU Borosilikatglas

Borosilikatglas
DEU for borosilicate glasses

Borrmann effect
USE X-ray crystallography
\+ X-ray diffraction
DEU Borrmann-Effekt

Borrmann-Effekt
DEU for Borrmann effect

Borverbindung
DEU for boron compounds

Bose condensation
USE Bose-Einstein condensation

Bose gas
USE boson systems

Bose-Chaudhuri-Hocquenghem codes
USE BCH codes

Bose-Einstein condensation
BT boson systems
quantum statistical mechanics
SY *Bose condensation*
PT boson systems
quantum statistical mechanics

RT atom lasers
excitons
laser cooling
matter waves
quantum optics
superconductivity
superfluidity
DEU Bose-Einstein-Kondensation

Bose-Einstein statistics
USE boson systems
\+ quantum statistical mechanics

Bose-Einstein-Kondensation
DEU for Bose-Einstein condensation

Boson
DEU for bosons

boson exchange models
USE exchange models

boson fluids
USE boson systems

boson systems
BT quantum fluids
NT Bose-Einstein condensation
liquid helium-4
SY *Bose gas*
UF *Bose-Einstein statistics / boson systems + quantum statistical mechanics*
SY *boson fluids*
RT bosons
quantum statistical mechanics
spin polarised atomic hydrogen
DEU Boson-System

Boson-System
DEU for boson systems

bosons
BT elementary particles
NT alpha-particles
deuterons
gravitons
intermediate bosons
meson resonances
mesons
photons
RT boson systems
quantum statistical mechanics
DEU Boson

Botanik
DEU for botany

botany
BT biology
UF *botany computing / biology computing + botany*
PT biology
RT crops
plant diseases
vegetation
DEU Botanik

botany computing
USE biology computing
\+ botany

botnets
USE invasive software

bottles
BT containers
UF *glass bottles / bottles + glass products*
UF *plastic bottles / bottles + plastic products*
RT bottling
glass products
DEU Flasche

bottles, magnetic
USE magnetic traps

bottling
BT packaging
RT beverage industry
bottles
DEU Abfüllung (Flasche)
DSY Abfüllen (Flasche)
Flaschenabfüllen
Flaschenabfüllung

bound states
BT energy states
SY *quasibound states*
RT Bethe-Salpeter equation
quantum field theory
quantum theory
DEU Grenzzustand

boundaries
USE boundary layers
\+ grain boundaries
\+ interface phenomena

boundary integral equations
BT integral equations
PT integral equations
RT boundary-elements methods
DEU Grenzintegralgleichung

boundary layer flow
USE boundary layers
DEU Grenzschichtströmung

boundary layer turbulence
BT boundary layers
turbulence
SY *turbulent boundary layers*
PT boundary layers
turbulence
RT atmospheric boundary layer
DEU Grenzschichtturbulenz

boundary layers
NT atmospheric boundary layer
boundary layer turbulence
plasma boundary layers
SY *blowing problem*
UF *boundaries / boundary layers + grain boundaries + interface phenomena*
SY *boundary layer flow*
UF *laminar boundary layers / boundary layers + laminar flow*
RT flow
DEU Grenzschicht

boundary layers (plasma)
USE plasma boundary layers

boundary scan testing
BT testing
RT automatic testing
built-in self test
integrated circuit testing
logic testing
printed circuit testing
production testing
DEU Randabtastungsprüfung

boundary-elements methods
BT numerical analysis
SY *BEM*
PT boundary-value problems
finite element analysis
RT approximation theory
boundary integral equations
boundary-value problems
difference equations
differential equations
finite element analysis
function approximation
function evaluation
functional analysis
relaxation theory
DEU Grenz-Element-Methode
DSY Grenzelementmethode
Rand-Element-Methode

boundary-value problems
NT initial value problems
RT boundary-elements methods
conformal mapping
differential algebraic equations
finite element analysis
Galerkin method
Helmholtz equations
Laplace equations
numerical analysis
partial differential equations
relaxation theory
DEU Grenzwertproblem

bow-tie antennas
BT antennas
PT antennas
RT antenna radiation patterns
broadband antennas
microstrip antennas
radar antennas
DEU Bow-Tie-Antenne

Bow-Tie-Antenne
DEU for bow-tie antennas

bowing
USE bending

BOXCARS
USE coherent antiStokes Raman scattering

boxes
BT containers
RT cartons
DEU Kiste

Bp stars
USE chemically peculiar stars
\+ magnetic stars

BPEL
USE Web Services Business Process Execution Language

BPR
USE business process re-engineering

BPSG
USE borosilicate glasses
\+ phosphosilicate glasses

BQ[ ] stars
USE variable stars

Br (chemical element)
USE bromine
DEU Br (chemisches Element)

Br (chemisches Element)
DEU for Br (chemical element)

Brachytherapie
DEU for brachytherapy

brachytherapy
BT radiation therapy
PT radiation therapy
RT dosimetry
radioactive sources
radioisotopes
DEU Brachytherapie

Bragg gratings
BT diffraction gratings
SY *FBG*
UF *fiber Bragg gratings / Bragg gratings + optical fibres*
UF *fibre Bragg gratings / Bragg gratings + optical fibres*
PT diffraction gratings
RT holographic gratings
optical fibres
DEU Bragg-Gitter

Bragg-Gitter
DEU for Bragg gratings

braided composites
USE woven composites

brain
BT biological organs
NT brain models
electroencephalography
magnetoencephalography
SY *cerebellum*
cerebrum
UF *memory (physiological) / brain + brain models + neural nets + neurophysiology*
UF *ventricle / brain + cardiology*
RT cognition
neurophysiology
DEU Gehirn
DSY Hirn

brain models
BT biocybernetics
brain
physiological models
UF *memory (physiological) / brain + brain models + neural nets + neurophysiology*
RT artificial intelligence
learning systems
living systems
neural nets
DEU Gehirnmodell
DSY Hirnmodell

brain-computer interfaces
BT interactive devices
user interfaces
RT electroencephalography
handicapped aids
human computer interaction
medical signal processing
DEU Gehirn-Computer-Schnittstelle
DSY Computer-Gehirn-Interface
Computer-Gehirn-Schnittstelle
Computer-Hirn-Interface
Computer-Hirn-Schnittstelle
Gehirn-Computer-Interface
Hirn-Computer-Interface

brakes
BT mechanical products
UF *air brakes / aerodynamics + brakes + compressed air systems + pneumatic systems*
RT aerospace components
automotive components
braking
clutches
eddy currents
hoses
linings
nonelectric final control devices
DEU Bremse

braking
NT eddy current braking
regenerative braking
SY *dynamic braking*
RT brakes
clutches
friction
stick-slip
velocity control
wear
DEU Abbremsen
DSY Bremsen
Verzögern

branch automation
BT automation
banking
building societies
PT banking
building societies
DEU Industriezweigautomatisierung
DSY Branchenautomatisierung
Zweigautomatisierung (Industrie)

branch prediction
USE computer architecture
\+ program compilers

branch-and-bound techniques
USE tree searching

Branchenautomatisierung
DUS für branch automation

Brand
DEU for fires

Brandhemmer
DEU for flame retardants

branding
USE marketing

Brandrodung
DEU for wildfires

brane Universe
USE brane world

brane world
SY *brane Universe*
Randall-Sundrum model
PT cosmology
RT gravitation
higher dimensional cosmology
space-time configurations
string theory
DEU höherdimensionale Welt

Brans-Dicke cosmology
USE cosmology

brass
BT copper alloys
zinc alloys
SY *copper zinc brass alloys*
DEU Messing
DSY Kupferzinklegierung
Kupferzinkmessinglegierung
Messinglegierung

Brauerei
DEU for breweries

Brauerei- und Mälzereiindustrie
DEU for brewing industry

Brauner Zwerg
DEU for brown dwarfs

Bravais lattice
USE crystal structure

Bray reactions
USE chemical equilibrium
\+ chemical reactions
\+ reaction kinetics theory

Brayton cycle
BT thermodynamic cycles
PT heat engines
RT direct energy conversion
gas turbines
heat engines
heat exchangers
space vehicle power plants
DEU Brayton-Prozess

Brayton-Prozess
DEU for Brayton cycle

braze welding
BT welding
RT brazing
DEU Fugenlöten

brazing
BT soldering
SY *hard soldering*
RT braze welding
brazing equipment
filler metals
ultrasonic applications
welds
DEU Hartlöten
DSY Löten
Lötverfahren

brazing equipment
BT soldering equipment
PT brazing
RT brazing
DEU Hartlötausrüstung
DSY Ausrüstung zum Hartlöten
Hartlötausstattung
Hartlöteinrichtung
Hartlötvorrichtung
Lötausstattung
Lötvorrichtung

breadth first search
USE tree searching

breakage
USE fracture

breakdown (electric)
USE electric breakdown

breakdown diodes
USE avalanche diodes
\+ Zener diodes

breathing
USE pneumodynamics

Brechen
DEU for crushing

Brecher
DEU for crushers

Brechung elektromagnetischer Wellen
DEU for electromagnetic wave refraction

Brechungsindex
DEU for refractive index

Brechungsindexmessung
DEU for refractive index measurement

Brechzahlmesser
DEU for refractometers

breeder reactors
USE fission reactors
DEU Brutreaktor

breeding blankets (fusion reactors)
USE fusion reactor blankets

Breitband-ISDN
DEU for B-ISDN

Breitband-Ultraschallausbreitungssystem
DUS für ultrasonic propagation

Breitbandantenne
DEU for broadband antennas

Breitbandlückenhalbeiter
DEU for wide band gap semiconductors

Breitbandlückenhalbleiter
DUS für wide band gap semiconductors

Breitbandnetz
DEU for broadband networks

Breitbandverstärker
DEU for wideband amplifiers

Breitspektrenradar
DEU for spread spectrum radar

Bremsbelag
DUS für linings

Bremsdruck
DUS für pressure

Bremse
DEU for brakes

Bremsen
DUS für braking

bremsstrahlung
BT electromagnetic waves
RT electron radiation
gamma-ray spectra
inverse photoemission spectra
inverse photoemission spectroscopy
plasma oscillations
X-ray emission spectra
DEU Bremsstrahlung

bremsstrahlung isochromat spectroscopy
USE inverse photoemission spectroscopy

Bremsstrahlung
DEU for bremsstrahlung

Brennbarkeitsprüfung
DEU for flameproofing

Brennelementdefekt
DEU for fuel element failure

Brennelementedefekt
DUS für fuel element failure

Brennelementefehler
DUS für fuel element failure

Brennelementfehler
DUS für fuel element failure

Brennmaterialaufbereitung
DUS für fuel processing

Brennmittelaufbereitung
DUS für fuel processing

Brennofen
DEU for kilns

Brennstoff
DEU for fuel

Brennstoffaufbereitung
DUS für fuel processing

Brennstoffaufbereitungsanlage (Kerntechnik)
DUS für nuclear fuel cycle facilities

Brennstoffindustrie
DEU for fuel processing industries

Brennstoffökonomie
DEU for fuel economy

Brennstoffsystem
DEU for fuel systems

Brennstoffvergasung
DEU for fuel gasification

Brennstoffwiederaufbereitungsanlage (Kerntechnik)
DUS für nuclear fuel cycle facilities

Brennstoffwirtschaft
DUS für fuel economy

Brennstoffzelle
DEU for fuel cells

Brennstoffzellenfahrzeug
DEU for fuel cell vehicles

Brennstoffzellenkraftwerk
DEU for fuel cell power plants

breweries
BT production facilities
PT brewing industry
RT brewing industry
distilleries
wine industry
wineries
DEU Brauerei

brewing industry
BT beverage industry
NT fermentation
PT food processing industry
RT breweries
wine industry
wineries
DEU Brauerei- und Mälzereiindustrie

brick
BT building materials
RT brick industry
construction components
refractories
walls
DEU Ziegel

brick industry
BT manufacturing industries
RT brick
ceramic industry
kilns
DEU Ziegelindustrie

bridge circuits
BT networks (circuits)
RT bridge instruments
PWM rectifiers
DEU Brückenschaltung

bridge instruments
BT instruments
RT bridge circuits
capacitance measurement
electrical conductivity measurement
inductance measurement
DEU Messbrücke

bridges (structures)
BT civil engineering
UF *aqueducts / bridges (structures) + canals*
SY *railway bridges*
road bridges
suspension bridges
viaducts
PT civil engineering
structural engineering
RT cables (mechanical)
cantilevers
earthquake engineering
structural engineering
town and country planning
transportation
DEU Brücke (Bauwerk)

Bridgman method
USE crystal growth from melt

Briggs-Rauscher reaction
USE chemical equilibrium
\+ chemical reactions
\+ reaction kinetics theory

brightness
BT optical properties
NT sky brightness
SY *luminance*
radiance
radiosity
RT colour
daylighting
emissivity
lamps
lighting
lighting control
photometry
visibility
vision
DEU Helligkeit

Brikettierpresse
DUS für presses

Brillouin scattering
USE Brillouin spectra

Brillouin spectra
BT light scattering
spectra (general)
NT stimulated Brillouin scattering
SY *Brillouin scattering*
Mandelstam-Brillouin scattering
RT two-dimensional spectra
DEU Brillouin-Spekrum

Brillouin zones
BT band structure
RT Fermi surface
DEU Brillouin-Zone

Brillouin-Spekrum
DEU for Brillouin spectra

Brillouin-Zone
DEU for Brillouin zones

Brinell testing
USE hardness testing

Bring Your Own Device
BT office automation
SY *BYOD*
RT computer network security
DP management
human resource management
laptop computers
mobile computing
notebook computers
personnel
portable computers
security of data
smart phones
DEU Privatcomputernutzung am Arbeitsplatz

bristles
USE fibres

British Library
DUS für academic libraries

British Standards
USE BSI standards

brittle fracture
BT fracture
SY *cleavage fracture*
intergranular fracture
UF *notch brittleness / brittle fracture + brittleness + notch strength*
PT fracture
RT brittleness
ductile-brittle transition
DEU Sprödbruch

brittle materials
USE brittleness

brittle-ductile transitions
USE ductile-brittle transition

brittleness
BT mechanical properties
SY *blue brittleness*
brittle materials
cold shortness
UF *notch brittleness / brittle fracture + brittleness + notch strength*
SY *temper brittleness*
RT brittle fracture
embrittlement
hardness
hydrogen embrittlement
liquid metal embrittlement
microhardness
plasticity
DEU Sprödigkeit

broaching
BT machining
PT machining
RT cutting
DEU Räumen (Spanen)

broadband amplifiers
USE wideband amplifiers

broadband antennas
BT antennas
NT ultra wideband antennas
SY *wideband antennas*
PT antenna arrays
antennas
microstrip antennas
RT antenna arrays
bow-tie antennas
microstrip antennas
microwave antennas
millimetre wave antennas
multifrequency antennas
UHF antennas
DEU Breitbandantenne

broadband ISDN
USE B-ISDN

broadband networks
BT telecommunication networks
NT B-ISDN
SY *wideband networks*
PT communication networks
RT 3G mobile communication
asynchronous transfer mode
bandwidth allocation
high altitude stratospheric platforms
home networks
local area networks
multimedia communication
next generation networks
quality of service
SONET
ultra wideband communication
visual communication
WiMax
DEU Breitbandnetz

broadcast antennas
BT antennas
RT broadcasting
transmitting antennas
DEU Rundfunkantenne

broadcast channels
BT telecommunication channels
PT telecommunication channels
RT broadcast communication
broadcasting
multi-access systems
multicast communication
multiuser channels
DEU Funkkanal
DSY Rundfunkkanal

broadcast communication
BT telecommunication
RT broadcast channels
multicast communication
wireless sensor networks
DEU Radiokommunikation
DSY Rundfunkkommunikation

broadcast information systems
USE radio data systems

broadcast software
USE telesoftware

broadcasting
NT digital multimedia broadcasting
direct broadcasting by satellite
radio broadcasting
television broadcasting
RT broadcast antennas
broadcast channels
frequency allocation
telecommunication
telecommunication services
telesoftware
DEU Rundfunk

broadside antennas
USE antenna arrays

Brom
DEU for bromine

bromide glasses
USE halide glasses

bromine
BT halogens
non-metals
SY *Br (chemical element)*
RT bromine compounds
DEU Brom

bromine compounds
BT inorganic compounds
RT bromine
DEU Bromverbindung

Bromverbindung
DEU for bromine compounds

bronze
BT copper alloys
tin alloys
PT copper alloys
tin alloys
DEU Bronze (Legierung)

Bronze (Legierung)
DEU for bronze

brown dwarfs
BT stars
PT dwarf stars
RT dark matter
dwarf stars
extrasolar planets
DEU Brauner Zwerg

brown goods
USE manufactured products

Brownian motion
BT random processes
RT colloids
disperse systems
emulsions
fluctuations
DEU Brownsche Bewegung

Brownsche Bewegung
DEU for Brownian motion

browsers, Web
USE online front-ends

Bruch (Werkstoff)
DEU for fracture

Bruchanalyse
DEU for fractography

Bruchbild
DUS für fractography

Bruchmechanik
DEU for fracture mechanics

Bruchmessung
DUS für fractography

Bruchuntersuchung
DUS für fractography

Bruchverhalten
DUS für fractography

Bruchverhaltensuntersuchung
DUS für fractography

Bruchzähigkeit
DEU for fracture toughness

Bruchzähigkeitsprüfung
DEU for fracture toughness testing

Bruchzähigkeitstest
DUS für fracture toughness testing

Brücke (Bauwerk)
DEU for bridges (structures)

Brückenschaltung
DEU for bridge circuits

Brünieren
DUS für burnishing

brushes
BT current collecting equipment
SY *brushgear*
RT electric machines
electrical contacts
DEU Bürste

brushgear
USE brushes

brushless DC motors
BT brushless machines
DC motors
PT DC motors
RT small electric machines
DEU bürstenloser Gleichstrommotor

brushless machines
BT electric machines
NT brushless DC motors
RT AC motors
DC motors
linear motors
permanent magnet motors
servomotors
DEU bürstenlose Maschine

Brutreaktor
DEU for breeder reactors

BSG
USE borosilicate glasses

BSI standards
BT standards
SY *British Standards*
RT measurement standards
DEU BSI-Norm
DSY BSI-Standard

BSI-Norm
DEU for BSI standards

BSI-Standard
DUS für BSI standards

bubble chambers
BT particle track visualisation
position sensitive particle detectors
SY *heavy liquid bubble chambers*
ultrasonic bubble chambers
DEU Blasenkammer

bubble jet printers
USE ink jet printers

bubble memories, magnetic
USE magnetic bubble memories

bubble nuclei
USE nuclear density

bubbles
BT fluids
SY *air bubbles*
RT capillarity
cavitation
deaeration
foams
DEU Blase

Buchhaltung
DEU for bookkeeping

Buchholz relays
USE relay protection

Buchse (Kabel)
DEU for bushings

buck converters
USE power convertors

buck convertors
USE power convertors

buck-boost converters
USE power convertors

buck-boost convertors
USE power convertors

bucket-brigade device arrays
USE charge-coupled device circuits

bucket-brigade devices
USE charge-coupled devices

buckling
BT plastic deformation
PT plastic deformation
RT bending
mechanical stability
DEU Knicken

buckminsterfullerene
USE fullerenes

buckyballs
USE fullerenes

buckytubes
USE fullerenes

budgeting
BT financial management
NT budgeting data processing
PT economics
financial administrative data processing
management
RT costing
management accounting
DEU Kostenplanung

budgeting data processing
BT budgeting
financial data processing
PT financial administrative data processing
DEU Budgetüberwachungsdatenverarbeitung
DSY Etatdatenverarbeitung
Haushaltsdatenverarbeitung
Statshaushaltsdatenverarbeitung

Budgetüberwachungsdatenverarbeitung
DEU for budgeting data processing

Büchse
DUS für cans

Bügelpresse
DUS für presses

Bügelpressen
DUS für pressing

Bündeln
DEU for baling

Büroautomatisierung
DEU for office automation

Bürobedarf
DEU for office products

Bürobereich
DEU for office environment

Büroumgebung
DUS für office environment

Büroware
DUS für office products

Bürste
DEU for brushes

bürstenlose Maschine
DEU for brushless machines

bürstenloser Gleichstrommotor
DEU for brushless DC motors

buffer circuits
BT networks (circuits)
SY *buffers (circuits)*
DEU Pufferschaltkreis

buffer layers
BT interface phenomena
thin films
RT diffusion barriers
semiconductor growth
semiconductor thin films
substrates
superconducting thin films
DEU Pufferschicht

buffer storage
BT digital storage
storage management
NT cache storage
PT semiconductor storage
RT random-access storage
semiconductor storage
SRAM chips
DEU Pufferspeicher (Informatik)

buffers (circuits)
USE buffer circuits

bugs, computing
USE program debugging

building acoustics
USE architectural acoustics

building automation
USE building management systems

building codes
USE building standards

building integrated photovoltaics
BT photovoltaic power systems
SY *roof mounted photovoltaics*
roof mounted solar cell arrays
PT photovoltaic power systems
solar cell arrays
RT building services
buildings (structures)
renewable energy sources
solar cell arrays
solar power
DEU gebäudeintegrierte Fotovoltaik
DSY gebäudeintegrierte Photovoltaik
Haus-Photovoltaikanlage

building management systems
BT building services
SY *building automation*
UF *intelligent buildings / building management systems + factory automation + home automation + office automation*
RT access control
air conditioning
building simulation
buildings (structures)
computerised control
energy management systems
facilities management
home automation
home networks
HVAC
indoor environment
lighting control
space cooling
space heating
total energy systems
ventilation
DEU Gebäudeleittechnik

building materials
BT materials
NT asphalt
brick
cements (building materials)
concrete
geopolymers
mortar
rebar

tiles
SY *masonry (materials)*
UF *stone (material) / aggregates (materials) + building materials + rocks*
RT aggregates (materials)
buildings (structures)
construction
construction components
Fotovoltaikbuilding
ready-mixed materials
waterproofing
DEU Baustoff

building services
NT building management systems
PT office environment
RT access control
air conditioning
building integrated photovoltaics
building wiring
buildings (structures)
civil engineering
facilities management
HVAC
indoor environment
lighting
office environment
space heating
ventilation
DEU Versorgungstechnik

building simulation
BT simulation
RT air conditioning
building management systems
buildings (structures)
energy conservation
HVAC
space cooling
space heating
DEU Gebäudesimulation

building societies
BT finance
NT branch automation
mortgage processing
PT finance
RT banking
real estate data processing
DEU Baugesellschaft
DSY Gebäudegesellschaft
Wohnungsbaugesellschaft

building standards
BT Fotovoltaikbuilding
standards
SY *building codes*
PT building
standards
RT civil engineering
construction industry
design engineering
legislation
safety
DEU Gebäudenorm
DSY Gebäudestandard

building wiring
BT wiring
SY *premises cabling*
RT building services
buildings (structures)
Fotovoltaikbuilding
home automation
DEU Gebäudeverdrahtung

buildings (structures)
BT civil engineering
NT passive solar buildings
road building
PT civil engineering
structural engineering
RT architectural acoustics
architectural CAD
architecture
building integrated photovoltaics
building management systems
building materials
building services
building simulation
building wiring
earthquake engineering
structural engineering
DEU Gebäude (Konstruktion und Struktur)

built-in self test
BT testing
SY *BIST*
UF *built-in self-repair / built-in self test + integrated circuit reliability*
SY *built-in testing*
PT automatic testing
RT automatic testing
boundary scan testing
design for testability
integrated circuit testing
logic testing
printed circuit testing
DEU eingebauter Selbsttest

built-in self-repair
USE built-in self test
\+ integrated circuit reliability

built-in testing
USE built-in self test

bulk acoustic wave devices
BT acoustic devices
SY *BAW devices*
RT acoustic microwave devices
acoustic resonators
crystal resonators
surface acoustic wave devices
DEU Körperschallwellengerät
DSY Volumenakustikwellengerät
Volumenschallwellengerät
Volumenschallwellenvorrichtung

bulk buying
USE purchasing

bulk diffusion
USE diffusion

bulk modulus
USE elastic moduli

bulk storage
BT storage
RT bulk storage containers
DEU Massengutlagerung
DSY Massenspeicher

bulk storage containers
BT containers
RT bulk storage
DEU Massengutcontainer

bulldozers
USE earthmoving equipment
\+ tracked vehicles

bulletin boards
USE electronic mail
\+ hobby computing
\+ information services

bullets (weapons)
USE projectiles
\+ weapons

bunched particle beams
USE particle beam bunching

Bunemann instability
USE plasma instability

Bunemann-Farley instability
USE plasma instability

buoyancy
RT convection
density
flotation (process)
DEU Auftrieb
DSY Tragvermögen

buried heterostructure lasers
USE semiconductor lasers

buried layers
BT interface phenomena
RT doping profiles
integrated circuit technology
ion implantation
semiconductor doping
semiconductor-insulator boundaries
DEU verborgene Schicht
DSY vergrabene Schicht

buried object detection
BT object detection
NT landmine detection
PT object detection
RT explosive detection
geophysical techniques
ground penetrating radar
metal detectors
remote sensing
DEU Detektion vergrabener Objekte

burners
USE combustion equipment

Burnet dip
USE Lamb shift

burning
USE combustion

burnishing
BT surface finishing
PT polishing
surface treatment
RT machining
polishing
DEU Bohnern
DSY Brünieren
Festwalzen
Glätten
Glattwalzen
Glattwalzpolieren
Prägepolieren
Walzpolieren

burst correction codes
USE error correction codes

burst noise
BT random noise
SY *bi-stable noise*
UF *popcorn noise / burst noise + random noise*
SY *random telegraph signal (RTS) noise.*
PT random noise
DEU Berstgeräusch
DSY Rissgeräusch

burst switching
USE telecommunication switching

bus conductors (electric)
USE busbars

bus reactors
USE current limiting reactors

busbars
BT switchgear
SY *bus conductors (electric)*
RT cables (electric)
conductors (electric)
protection
wires (electric)
DEU Sammelschiene

buses (computers)
USE system buses

bushes
USE bushings

bushings
BT insulators
mechanical products
SY *bushes*
RT linings
machine bearings
pipes
shafts
supports
DEU Buchse (Kabel)
DSY Hülle (Kabel)
Hülse (Kabel)
Kabelrohr

business
USE commerce

business communication
BT telecommunication
UF *business television / business communication + television*
SY *corporate communication*
enterprise networking
RT commerce
computer telephony integration
data communication
electronic mail
extranets
intranets
office automation
satellite communication
teleconferencing
virtual private networks
DEU Geschäftskommunikation

business continuity
BT management
SY *disaster recovery*
PT disasters
management
security
RT commerce
disasters
DP management
emergency management
planning
risk management
security
system recovery
DEU Geschäftskontinuität
DSY Unternehmensfortbestand

business cycles
USE economic cycles

business data processing
BT administrative data processing
commerce
NT electronic commerce
virtual enterprises
PT commerce
RT Big Data
cloud computing
data warehouses
enterprise resource planning
financial data processing
knowledge management
service-oriented architecture
Web Services Business Process Execution Language
DEU kommerzielle Datenverarbeitung

business forms
BT records management
SY *form filling*
forms production
forms software
labels (business forms)
PT records management
RT paper
DEU Geschäftsformular

business graphics
BT computer graphics
SY *presentation graphics*
PT computer graphics
RT document image processing
electronic publishing
solid modelling
technical presentation
DEU Geschäftsgrafik
DSY Geschäftsgraphik

business intelligence
USE competitive intelligence

business organisation
USE organisational aspects

Business Process Execution Language
USE Web Services Business Process Execution Language

business process re-engineering
BT management
SY *BPR*
PT systems re-engineering
RT corporate acquisitions
corporate modelling
organisational aspects
strategic planning
systems re-engineering
total quality management
DEU Geschäftsprozess-Reengineering
DSY Geschäftsprozessänderung
Geschäftsprozesserneuerung
Geschäftsprozessneugestaltung
Geschäftsprozessumgestaltung
Re-Engineering des Geschäftsprozesses
Reengineering des Geschäftsablaufes

business television
USE business communication
\+ television

butt welding
BT welding
PT welding
DEU Stoßschweißen

butter
USE dairy products

butterfly networks
USE hypercube networks

Butterworth filters
BT filters
RT band-pass filters
Chebyshev filters
digital filters
elliptic filters
low-pass filters
DEU Butterworth-Filter

Butterworth-Filter
DEU for Butterworth filters

buyer's guides
BT management
purchasing
RT equipment evaluation
equipment selection
DEU Einkaufsführer

BWO
USE backward wave oscillators

BWT
USE backward wave tubes

BY Dra stars
USE flare stars
\+ variable stars

BYOD
USE Bring Your Own Device

C (chemical element)
USE carbon
DEU C (chemisches Element)

C (chemisches Element)
DEU for C (chemical element)

C (Programmiersprache)
DEU for C language

C invariance
RT conservation laws
discrete symmetries
DEU C-Invarianz

C language
BT high level languages
NT C++ language
PT high level languages
RT C listings
operating systems (computers)
Unix
DEU C (Programmiersprache)

C listings
BT complete computer programs
NT C++ listings
PT complete computer programs
RT C language
DEU C-Programm

C steel
USE carbon steel

C++ (Programmiersprache)
DEU for C++ language

C++ language
BT C language
object-oriented languages
PT C language
object-oriented languages
DEU C++ (Programmiersprache)

C++ listings
BT C listings
PT C listings
DEU C++Programm

C++Programm
DEU for C++ listings

C-Invarianz
DEU for C invariance

C-Programm
DEU for C listings

C3-lasers
USE semiconductor lasers

C60
USE fullerenes

C60 compounds
USE fullerene compounds
DEU C60verbindung

C60verbindung
DEU for C60 compounds

C70
USE fullerenes

C70 compounds
USE fullerene compounds
DEU C70verbindung

C70verbindung
DEU for C70 compounds

C² systems
USE command and control systems

C³ systems
USE command and control systems

C³I systems
USE command and control systems

C⁴I systems
USE command and control systems

C⁴ISR systems
USE command and control systems

Ca (chemical element)
USE calcium
DEU Ca (chemisches Element)

Ca (chemisches Element)
DEU for Ca (chemical element)

CAAD
USE architectural CAD

cable insulation
BT insulation
NT power cable insulation
RT cables (electric)
insulating oils
partial discharge measurement
polyethylene insulation
trees (electrical)
XLPE insulation
DEU Kabelisolation

cable jackets
USE cable sheathing

cable jointing
BT joining processes
UF *cable splicing / cable jointing + splicing*
SY *jointing, cable*
RT cables (electric)
crimping
electric connectors
optical cables

splicing
DEU Kabelverbinung

cable laying
SY *laying, cable*
RT optical cables
power cables
submarine cables
telecommunication cables
underground cables
DEU Kabelverlegung

cable sheathing
SY *armouring (cables)*
cable jackets
sheathing, cable
RT cable shielding
cables (electric)
electric conduits
DEU Kabelmantel

cable shielding
BT shielding
PT cable sheathing
RT cable sheathing
cables (electric)
electromagnetic shielding
DEU Kabelabschirmung

cable splicing
USE cable jointing
\+ splicing

cable television
BT television
UF *CATV / cable television* +
community antenna television
PT television systems
RT coaxial cables
conditional access
digital video broadcasting
interactive television
telecommunication networks
television equipment
video on demand
DEU Kabelfernsehen
DSY Kabelfernsehtechnik

cable terminations
USE electric connectors

cable testing
BT testing
NT power cable testing
SY *wire testing*
RT cables (electric)
insulation testing
DEU Kabelprüfung
DSY Kabeltest

cables (electric)
NT coaxial cables
power cables
submarine cables
superconducting cables
telecommunication cables
underground cables
SY *electric cables*
RT busbars
cable insulation
cable jointing
cable sheathing
cable shielding
cable testing
fault location
transmission lines
DEU Elektrokabel
DSY Kabel (elektrisch)

cables (mechanical)
BT mechanical products
UF *wire rope / cables (mechanical)* +
ropes
PT ropes
wires
RT anchors
bridges (structures)
cableway systems
marine engineering
ropes
structural engineering
wires (general)
DEU Kabel (mechanisch)
DSY Seil

cableway systems
UF *aerial cableway systems / aerial*
equipment + *cableway systems*
RT cables (mechanical)
lifts
transportation
DEU Kabelverlegesystem

cache storage
BT buffer storage
PT buffer storage
DEU Cache-Speicher

Cache-Speicher
DEU for cache storage

CAD
BT computer applications
design
NT architectural CAD
CAD/CAM
control system CAD

electric machine CAD
electronic design automation
intelligent design assistants
logic CAD
power system CAD
technology CAD (electronics)
SY *CADD*
UF *CAGD / CAD + engineering graphics*
SY *computer aided design and drafting*
UF *computer aided geometric design / CAD + engineering graphics*
SY *computer-aided design*
PT computer-aided design
RT computational geometry
computer aided analysis
computer aided engineering
computer graphics
concurrent engineering
configuration management
design of experiments
engineering graphics
engineering workstations
interactive systems
simulation
DEU CAD (Computer Aided Design)
DSY CAD (rechnergestütztes Design)
CAD (rechnerunterstütztes Design)

CAD (Computer Aided Design)
DEU for CAD

CAD (rechnergestütztes Design)
DUS für CAD

CAD (rechnerunterstütztes Design)
DUS für CAD

CAD/CAM
BT CAD
computer aided manufacturing
NT rapid prototyping (industrial)
PT CAD
manufacturing computer control
manufacturing data processing
RT computer aided engineering
computer aided facilities layout
computer aided production planning
computer integrated manufacturing
design for manufacture
electronic data interchange
engineering workstations
industrial control
integrated manufacturing systems
manufacturing data processing
production engineering computing
virtual manufacturing
DEU CAD/CAM (computergestützter Entwurf/computergestützte Fertigung)

CAD/CAM (computergestützter Entwurf/computergestützte Fertigung)
DEU for CAD/CAM

CADD
USE CAD

cadmium
BT metals
SY *Cd (chemical element)*
RT cadmium alloys
cadmium compounds
DEU Cadmium

cadmium alloys
BT alloys
PT cadmium compounds
RT cadmium
cadmium compounds
DEU Cadmiumlegierung

cadmium compounds
BT inorganic compounds
RT cadmium
cadmium alloys
DEU Cadmiumverbindung

Cadmiumlegierung
DEU for cadmium alloys

Cadmiumverbindung
DEU for cadmium compounds

Cadmium
DEU for cadmium

CAE
USE computer aided engineering

CAES
USE compressed air energy storage

caesium
BT alkali metals
SY *cesium*
Cs (chemical element)
RT caesium alloys
caesium compounds
DEU Caesium

caesium alloys
BT alkali metal alloys
SY *cesium alloys*
PT alloys
RT caesium
caesium compounds
DEU Caesiumlegierung

caesium clocks
USE atomic clocks

caesium compounds
BT alkali metal compounds
SY *cesium compounds*
RT caesium
caesium alloys
DEU Caesiumverbindung

Caesiumlegierung
DEU for caesium alloys

Caesiumverbindung
DEU for caesium compounds

Caesium
DEU for caesium

CAFM
USE facilities management

CAGD
USE CAD
\+ engineering graphics

CaH strong stars
USE dwarf stars

calcination
BT heat treatment
PT heat treatment
RT kilns
powder technology
sintering
DEU Calcinieren

Calcinieren
DEU for calcination

calcium
BT alkaline earth metals
SY *Ca (chemical element)*
RT calcium alloys
calcium compounds
DEU Calcium

calcium alloys
BT alkaline earth alloys
PT alkaline earth alloys
RT calcium
calcium compounds
DEU Calciumlegierung

calcium compounds
BT alkaline earth compounds
RT calcium
calcium alloys
DEU Calciumverbindung

Calciumlegierung
DEU for calcium alloys

Calciumverbindung
DEU for calcium compounds

Calcium
DEU for calcium

calculating apparatus
NT electric calculators
electronic calculators
mechanical calculators
SY *adding machines*
calculators
UF *desk calculators / calculating apparatus* + *electronic calculators*
SY *sliderules*
RT calculation
computers
DEU Rechenmaschine

calculation
BT mathematics
RT calculating apparatus
graphs
nomograms
DEU Berechnen
DSY Berechnung
Kalkulation
Kalkulieren

calculator program listings
USE complete computer programs

calculators
USE calculating apparatus

calculators (electronic)
USE electronic calculators

calculus
BT mathematical analysis
NT calculus of communicating systems

differentiation
integration
refinement calculus
variational techniques
RT differential equations
functions
integral equations
DEU Berechnung
DSY Rechnung

calculus of communicating systems
BT calculus
process algebra
UF *CCS / calculus of communicating systems + computer communications software*
PT formal logic
RT computational complexity
distributed algorithms
DEU Berechnung des Kommunikationssystems

calendar software
USE personal computing

calendars, astronomical
USE astronomy

calenders
BT finishing machines
RT paper making machines
DEU Kalander

calibration
RT accreditation
certification
inspection
instruments
measurement
measurement standards
measurement uncertainty
standardisation
standards
transfer standards
DEU Kalibrieren
DSY Kalibrierung

Calico
USE cotton fabrics

californium
BT actinides
SY *Cf (chemical element)*
RT californium compounds
DEU Californium

californium compounds
BT actinide compounds
RT californium
DEU Californiumverbindung

Californiumverbindung
DEU for californium compounds

Californium
DEU for californium

call admission control
USE telecommunication congestion control

call centres
BT automatic telephone systems
SY *contact centers*
contact centres
PT automatic telephone systems
telephony
RT computer telephony integration
customer relationship management
marketing
telephony
DEU Call-Center

Call-Center
DEU for call centres

calorimeters
BT meters
SY *microcalorimeters*
RT calorimetry
particle calorimetry
particle detectors
shower counters
thermal variables measurement
DEU Kalorimeter

calorimetry
BT thermal variables measurement
NT differential scanning calorimetry
particle calorimetry
RT calorimeters
heat measurement
specific heat
thermal analysis
DEU Kalorimetrie

CAM
USE computer aided manufacturing

CAM (Computer Aided Manufacturing)
DEU for production engineering computing

CAMAC
BT modules
peripheral interfaces
standards
SY *computer automated measurement and control*
PT computer interfaces
standards
RT computerised instrumentation
data acquisition
DEU CAMAC (Organisation)

CAMAC (Organisation)
DEU for CAMAC

cambelts
USE belts
\+ camshafts

Cambric
USE cotton fabrics

camcorders
USE video cameras

camera lenses
USE photographic lenses

camera tubes, television
USE television camera tubes

cameras
NT coronagraphs
streak cameras
television cameras
video cameras
UF *Debye-Scherrer cameras / cameras + X-ray apparatus + X-ray crystallography*
UF *Weissenberg cameras / cameras + X-ray apparatus + X-ray crystallography*
RT cinematography
colour photography
digital photography
focusing
image capture
lenses
optical filters
photography
DEU Kamera

CAMS
USE mass spectroscopy

cams (mechanical)
BT machine components
NT camshafts
RT engines
mechanical control equipment
power transmission (mechanical)
DEU Nocke (mechanisch)

camshafts
BT cams (mechanical)
shafts
UF *cambelts / belts + camshafts*
RT belts
engines
DEU Nockenwelle

CAN
USE controller area networks

CAN (Controller Area Network)
DEU for controller area networks

canals
BT geotechnical structures
UF *aqueducts / bridges (structures) + canals*
UF *waterways (inland) / canals + lakes + rivers*
RT boats
geotechnical engineering
lakes
rivers
ships
transportation
DEU Kanal

cancer
BT diseases
UF *oncology / cancer + tumours*
RT biomedical imaging
dosimetry
mammography
medical image processing
radiation therapy
tumours
DEU Krebs

canning
BT packaging
RT cans
food processing industry
DEU Eindosen

cannon
USE weapons

cans
BT containers
RT canning
DEU Blechbüchse
DSY Blechdose
Büchse
Dose
Kanne
Konservenbüchse
Konservendose

canted spin arrangements
BT magnetic structure
PT magnetic structure
RT antiferromagnetic materials
weak ferromagnetism
DEU verkantete Spin-Anordnung

cantilever beams
USE beams (structures)
\+ cantilevers

cantilevers
BT mechanical products
shapes (structures)
UF *cantilever beams / beams (structures) + cantilevers*
UF *microcantilevers / cantilevers + micromechanical devices*
PT mechanical products
shapes (structures)
RT beams (structures)
bridges (structures)
construction components
micromechanical devices
scanning probe microscopy
structural engineering
DEU Ausleger

CAP (Computer Aided Production)
DUS für production engineering computing

Capability Maturity Model
BT software process improvement
PT software process improvement
DEU Capability-Maturity-Modell

Capability-Maturity-Modell
DEU for Capability Maturity Model

capacitance
BT dielectric properties
NT photocapacitance
SY *electric capacity*
RT capacitance measurement
capacitor storage
capacitors
deep level transient spectroscopy
electric charge
electric reactance
electrostatics
inductance
permittivity
power factor
supercapacitors
DEU Kapazität (Kondensator)

capacitance measurement
BT electric variables measurement
RT bridge instruments
capacitance
capacitive sensors
capacitors
dielectric measurement
electric reactance measurement
supercapacitors
DEU Kapazitätsmessung

capacitance transducers
USE capacitive sensors

capacitive power transmission
USE inductive power transmission

capacitive sensors
BT electric sensing devices
SY *capacitance transducers*
capacitive transducers
PT electric sensing devices
transducers
RT capacitance measurement
displacement measurement
transducers
DEU kapazitiver Sensor

capacitive transducers
USE capacitive sensors

capacitor motors
BT AC motors
PT AC motors
RT induction motors
DEU Kondensatormotor

capacitor storage
BT energy storage
NT supercapacitors
RT capacitance
capacitors
power capacitors
static VAr compensators
DEU Kondensatorspeicher

capacitor switching
BT power capacitors
switching
PT power capacitors
switching
RT distribution networks
switchgear
switching transients
DEU Kondensatorschalter

capacitor testing
USE capacitors
+ electron device testing

capacitors
BT dielectric devices
electrostatic devices
reactors (electric)
NT ceramic capacitors
electrolytic capacitors
ferroelectric capacitors
MIS capacitors
power capacitors
thick film capacitors
thin film capacitors
varactors
UF *capacitor testing / capacitors* +
electron device testing
SY *condensers (electric)*
electric condensers
RT capacitance
capacitance measurement
capacitor storage
charge pump circuits
electrets
electric charge
mica
Q-factor
DEU elektrischer Kondensator

capacity management (computers)
BT DP management
PT DP management
RT performance evaluation
DEU Kapazitätsmanagement
(Computer)

capacity planning (manufacturing)
BT production planning
RT aggregate planning
manufacturing resources planning
supply chain management
DEU Kapazitätsplanung (Fertigung)

capacity, channel
USE channel capacity

capillarity
BT fluid mechanics
surface phenomena
RT bubbles
capillary waves
contact angle
drops
foams
liquid films
porosity
rheology
surface tension
viscosity
wetting
DEU Kapillarität

capillary waves
BT liquid waves
surface waves (fluid)
PT capillarity
liquid waves
RT capillarity
DEU Kapillarwelle

capital cost reduction
USE cost reduction

CAPP
USE computer aided production
planning

Captains
USE viewdata

capture cross-sections, nuclear
USE nuclear reactions and scattering

CAR
USE records management

Caratheodory's principle
USE thermodynamics

carbon
BT non-metals
NT activated carbon
carbon fibres
carbon nanotubes
diamond
diamond-like carbon
graphene
graphite
SY *C (chemical element)*
RT carbon compounds
charcoal
fullerenes
soot
DEU Kohlenstoff

carbon capture and storage
BT climate mitigation
SY *carbon sequestration*
carbon storage
CO2 sequestration
PT climate mitigation
RT air pollution control
carbon compounds
environmental factors
environmental legislation
global warming
DEU CCS (Carbon Capture and Storage)

carbon compounds
BT inorganic compounds
SY *cyanogen, C2N2*
RT carbon
carbon capture and storage
fullerene compounds
organic compounds
DEU Kohlenstoffverbindung

carbon emissions trading
USE environmental economics

carbon fiber reinforced composites
USE carbon fibre reinforced composites

carbon fiber reinforced plastics
USE carbon fibre reinforced plastics

carbon fibers
USE carbon fibres

carbon fibre reinforced composites
BT fibre reinforced composites
SY *carbon fiber reinforced composites*
graphite fibre reinforced composites
PT carbon fibres
composite materials
RT carbon fibres
DEU Kohlenfaserverbundstoff
DSY kohlenfaserverstärktes Komposit
kohlenstofffaserverstärktes Komposit

carbon fibre reinforced plastics
BT fibre reinforced plastics
SY *carbon fiber reinforced plastics*
CFRP
graphite fibre reinforced plastics
PT carbon fibre reinforced composites
RT carbon fibres
DEU Carbonfaserkunststoff
DSY kohlenfaserverstärkter Kunststoff
kohlenstofffaserverstärkter Kunststoff

carbon fibres
BT carbon
fibres
SY *carbon fibers*
UF *graphite fibres / carbon fibres + graphite*
PT carbon
composite materials
fibres
RT carbon fibre reinforced composites
carbon fibre reinforced plastics
DEU Carbonfaser
DSY Kohlefaser
Kohlenstofffaser

carbon nanotube field effect transistors
BT field effect transistors
nanotube devices
SY *CNFET*
PT field effect transistors
nanoelectronics
nanotube devices
RT carbon nanotubes
fullerene devices
nanoelectronics
quantum interference devices
DEU Kohlenstoffnanoröhrchen-Feldeffekttransistor

carbon nanotubes
BT carbon
nanotubes
PT carbon
fullerenes
nanostructured materials
RT carbon nanotube field effect transistors
fullerenes
graphene
graphite
nanoelectromechanical devices
nanotube devices
semiconductor nanotubes
DEU Kohlenstoff-Nanoröhrchen
DSY Kohlenstoffnanoröhrchen
Kohlenstoffnanoröhre

carbon sequestration
USE carbon capture and storage

carbon stars
USE giant stars

carbon steel
BT steel
SY *C steel*
eutectoid steel

graphitic steel
mild steel
PT steel
DEU Kohlenstoffstahl

carbon storage
USE carbon capture and storage

carbon tax
USE environmental economics
\+ taxation

Carbonfaser
DEU for carbon fibres

Carbonfaserkunststoff
DEU for carbon fibre reinforced plastics

carbonitriding
USE surface hardening

carburettors
BT fuel systems
RT intake systems (machines)
internal combustion engines
DEU Vergaser (Motor)

carburising
USE surface hardening

carcinotrons
BT backward wave tubes
RT oscillators
DEU Karzinotron

cardiology
BT biology
NT angiocardiography
cardiovascular system
echocardiography
electrocardiography
magnetocardiography
phonocardiography
SY *heart*
UF *heart valves / cardiology + prosthetics*
UF *ventricle / brain + cardiology*
RT biological organs
biophysics
blood
catheters
defibrillators
diseases
haemodynamics
pacemakers
photoplethysmography
plethysmography
DEU Kardiologie

cardiovascular system
BT cardiology
PT cardiology
RT blood vessels
haemodynamics
DEU kardiovaskuläres System

cargo distribution
USE goods distribution

cargo handling
USE freight handling

CARM
USE cyclotron masers

Carnot cycle
BT thermodynamic cycles
PT heat engines
RT direct energy conversion
heat engines
DEU Carnot-Zyklus

Carnot-Zyklus
DEU for Carnot cycle

carpets
BT manufactured products
RT fabrics
textile products
wool
DEU Teppich

carrier communication
USE telecommunication
DEU Trägerfrequenztechnik

carrier concentration
USE carrier density

carrier density
BT transport processes
NT electron density
hole density
SY *carrier concentration*
PT electrical conductivity of solids
RT current density
electrical conductivity
DEU Ladungsträgerdichte

carrier diffusion length
USE carrier lifetime

carrier lifetime
BT transport processes
SY *carrier diffusion length*
electron lifetime (semiconductors)
PT electrical conductivity of solids

RT EBIC
electrical conductivity
electron traps
electron-hole recombination
surface photovoltage
DEU Trägerlebensdauer

carrier mean free path
BT transport processes
NT electron mean free path
SY *mean free path, carrier*
PT electrical conductivity of solids
RT carrier relaxation time
electrical conductivity
DEU trägerfreier Pfad

carrier mobility
BT transport processes
NT electron mobility
Hall mobility
hole mobility
SY *mobility, carrier*
PT electrical conductivity of solids
RT current density
electrical conductivity
electron-hole recombination
Hall effect
DEU Ladungsträgerbeweglichkeit

carrier relaxation time
BT transport processes
NT electron relaxation time
SY *relaxation time, carrier*
PT electrical conductivity of solids
RT carrier mean free path
electrical conductivity
DEU Trägerentspannungszeit

carrier scattering at surfaces
USE surface scattering

carrier scattering by dislocations
USE dislocation scattering

carrier scattering by impurities
USE impurity scattering

carrier scattering by point defects
USE point defect scattering

carrier sense multiple access
BT access protocols
multi-access systems
SY *CSMA*
CSMA/CD
PT multi-access systems
RT local area networks
DEU CSMA (Carrier Sense Multiple Access)

carrier systems (power lines)
USE carrier transmission on power lines

carrier telegraphy
USE telegraphy

carrier telephony
USE telephony

carrier transmission on power lines
BT telecommunication
SY *carrier systems (power lines)*
power line communication
power transmission line carrier systems
RT home networks
transmission lines
DEU Trägerfrequenzübertragung im Stromnetz

carrier traps
USE electron traps
\+ hole traps

carry logic
BT digital arithmetic
logic
RT adders
logic circuits
logic design
DEU Carry-Logik

Carry-Logik
DEU for carry logic

CARS
USE coherent antiStokes Raman scattering

cars (vehicles)
USE automobiles

cartels (economic)
USE oligopoly

cartography
BT geography
NT terrain mapping
vegetation mapping
SY *map drawing*
RT computer graphics
geodesy
geographic information systems
geophysical techniques
photogrammetry
topography (Earth)

DEU Kartografie

cartons
BT containers
RT boxes
packaging
DEU Karton

cascade control
BT control theory
PT process control
RT cascade systems
feedback
process control
telemetry
DEU Kaskadenkontrolle
DSY Kaskadenregelung
Kaskadensteuerung

cascade networks
BT networks (circuits)
NT ladder networks
RT filters
DEU Kaskadennetz
DSY Kaskadennetzwerk
Kaskadenschaltkreis
Kaskadenschaltung

cascade showers
USE cosmic ray showers

cascade systems
BT interconnected systems
PT cascade control
RT adaptive control
cascade control
feedback
multivariable control systems
DEU Kaskadensystem

CASE
USE computer aided software engineering

case-based reasoning
BT inference mechanisms
SY *analogical reasoning*
evidential reasoning
PT inference mechanisms
RT learning by example
model-based reasoning
DEU fallbasiertes Schließen

Casimir effect
SY *Casimir energy*
Casimir force
PT quantum electrodynamics
quantum field theory
RT quantum electrodynamics
quantum field theory
vacuum (elementary particles)
DEU Casimir-Effekt

Casimir energy
USE Casimir effect

Casimir force
USE Casimir effect

Casimir-Effekt
DEU for Casimir effect

casing (borehole)
USE drilling (geotechnical)
\+ linings
\+ oil drilling

Cassegrain antennas
USE reflector antennas

cassette tape recorders
USE audio tape recorders

Casson fluid
USE non-Newtonian fluids

cast iron
BT iron alloys
SY *pig iron*
PT iron alloys
RT casting
production materials
DEU Gusseisen

casting
BT forming processes
NT centrifugal casting
die casting
investment casting
lost foam casting
permanent mould casting
sand casting
shell casting
tape casting
vacuum casting
SY *castings*
PT forming processes
metallurgical industries
RT cast iron
foundries
ingots
melt spinning
metallurgical industries
net shape forming
thixoforming
DEU Gießen

castings
USE casting

cataclysmic binary stars
BT binary stars
variable stars
NT dwarf novae
novae
symbiotic stars
UF *AM CVn stars / cataclysmic binary stars + white dwarfs*
UF *AM Her stars / cataclysmic binary stars + white dwarfs + X-ray binary stars*
UF *DQ Her stars / cataclysmic binary stars + white dwarfs*
UF *GP Com stars / cataclysmic binary stars + white dwarfs*
UF *helium cataclysmic binary stars / cataclysmic binary stars + white dwarfs*
UF *interacting binary stars / binary stars + cataclysmic binary stars + eclipsing binary stars + X-ray binary stars*
UF *intermediate polars / cataclysmic binary stars + white dwarfs + X-ray binary stars*
SY *nova-like variables*
UF *Nr variables / cataclysmic binary stars + giant stars + symbiotic stars + variable stars*
UF *polars / cataclysmic binary stars + white dwarfs + X-ray binary stars*
SY *rapid blue irregular variables*
UF *recurrent novae / cataclysmic binary stars + giant stars + symbiotic stars + variable stars*
UF *twin degenerate interacting binary stars / cataclysmic binary stars + white dwarfs*
UF *UX UMa stars / cataclysmic binary stars + eclipsing binary stars + white dwarfs*
UF *X-ray novae / cataclysmic binary stars + novae + X-ray binary stars*
PT binary stars
variable stars
RT accretion disks
X-ray binary stars
DEU catalysmischer Doppelstern

cataloging
USE cataloguing

cataloguing
BT information analysis
SY *cataloging*
UF *online public access catalogues / bibliographic systems + cataloguing + library automation + public information systems*
UF *OPAC / bibliographic systems + cataloguing + library automation + public information systems*
PT libraries
RT libraries
library automation
DEU Katalogisierung

catalysis
BT chemical reactions
UF *catalytic converters / catalysis + exhaust systems*
UF *catalytic convertors / catalysis + exhaust systems*
UF *photocatalysis / catalysis + photochemistry*
RT catalysts
pattern formation
reaction kinetics
steam reforming
surface chemistry
water gas shift
DEU Katalyse

catalysmischer Doppelstern
DEU for cataclysmic binary stars

catalysts
BT materials
RT catalysis
enzymes
mesoporous materials
reaction kinetics
zeolites
DEU Katalysator

catalytic converters
USE catalysis
\+ exhaust systems

catalytic convertors
USE catalysis
\+ exhaust systems

catastrophe theory
BT bifurcation
RT geometry
mathematical analysis
minimax techniques
modelling
topology

DEU Katastrophentheorie

category theory
BT mathematics
PT set theory
RT set theory
DEU Kategorientheorie

catering industry
BT service industries
SY *restaurants*
PT service industries
RT hotel industry
DEU Catering-Industrie

Catering-Industrie
DEU for catering industry

CATFD model
USE plasma theory

catheters
BT biomedical equipment
RT cardiology
patient treatment
stents
surgery
DEU Katheter

cathode followers
USE amplifiers

cathode rays
BT radiation
RT cathode-ray oscilloscopes
cathode-ray tube displays
cathode-ray tubes
cathodoluminescence
electron beams
electron optics
electrons
focusing
DEU Kathodenstrahl

cathode-ray oscilloscopes
BT cathode-ray tube displays
oscilloscopes
SY *CRO*
oscilloscopes, cathode-ray
synchroscopes
RT cathode rays
cathode-ray tubes
digital storage oscilloscopes
oscillographs
time bases
DEU Kathodenstrahloszillator

cathode-ray tube displays
BT display devices
NT cathode-ray oscilloscopes
UF *cathode-ray tube screens /*
cathode-ray tube displays +
fluorescent screens
PT display equipment
display systems
RT cathode rays
cathode-ray tubes
computer displays
flat panel displays
touch sensitive screens
DEU Kathodenstrahlröhrenbildschirm

cathode-ray tube screens
USE cathode-ray tube displays
\+ fluorescent screens

cathode-ray tubes
BT thermionic tubes
NT image convertors
television camera tubes
television picture tubes
SY *CRT*
RT cathode rays
cathode-ray oscilloscopes
cathode-ray tube displays
cathodoluminescence
electron beams
electron gas
electron guns
electron optics
fluorescent screens
magnetic lenses
radar displays
television equipment
DEU Kathodenstrahlröhre

cathodes
BT electrodes
NT oxide coated cathodes
photocathodes
thermionic cathodes
UF *field emission cathodes /*
cathodes + electron field emission
+ vacuum microelectronics
SY *hollow cathodes*
RT electron emission
vacuum microelectronics
vircators
DEU Kathode

cathodes, electrochemical
USE electrochemical electrodes

cathodic protection
USE corrosion protection

cathodic sputtering
USE sputtering

cathodochromism
BT electron beam effects
optical properties
PT electron beam effects
optical properties of substances
RT colour
DEU Kathodochromismus

cathodoluminescence
BT electron beam effects
luminescence
PT luminescence
RT cathode rays
cathode-ray tubes
phosphors
DEU Kathodolumineszenz

cations
USE positive ions

CATR
USE antenna testing

cats eyes (flow)
USE shear flow

CATV
USE cable television
\+ community antenna television

Cauer filters
USE passive filters

causality
BT philosophical aspects
PT physics fundamentals
RT cause-effect analysis
digital filters
discrete time systems
physics fundamentals
DEU Kausalität
DSY Ursache-Wirkung

cause-effect analysis
BT process planning
SY *fishbone diagrams*
Ishikawa diagrams
RT causality
expert systems
fault diagnosis
Pareto analysis
DEU Ursache-Wirkungs-Analyse

causticity
USE pH value

cavitation
BT fluid mechanics
stress effects
UF *acoustic cavitation / cavitation + nonlinear acoustics*
RT bubbles
deaeration
flow separation
turbulence
vortices
DEU Kavitation

cavitation erosion
USE wear

cavities (solid)
USE voids (solid)

cavity resonator filters
BT cavity resonators
resonator filters
PT cavity resonators
resonator filters
RT microwave filters
waveguide filters
DEU Hohlresonatorfilter

cavity resonators
BT resonators
NT acoustic resonators
cavity resonator filters
laser cavity resonators
superconducting cavity resonators
SY *resonant cavities*
RT accelerator cavities
dielectric resonators
electromagnetic oscillations
klystrons
magnetrons
masers
microcavities
microwave filters
microwave resonators
millimetre wave resonators
mode matching
oscillators
resonance
resonator filters
UHF resonators
DEU Hohlraumresonator

Cb (chemical element)
USE niobium
DEU Cb (chemisches Element)

Cb (chemisches Element)
DEU for Cb (chemical element)

CBE
USE chemical beam epitaxial growth

CBM computers
USE Commodore computers
DEU CBM-Computer

CBM-Computer
DEU for CBM computers

CBT
USE computer based training

CCCI calculations
USE configuration interactions

CCCS
USE active networks

CCD
USE charge-coupled devices

CCD calculations
USE coupled cluster calculations

CCD cameras
USE CCD image sensors

CCD circuits
USE charge-coupled device circuits

CCD image sensors
BT charge-coupled device circuits
image sensors
SY *CCD cameras*
CCD imagers
charge-coupled device imagers
PT charge-coupled device circuits
image sensors
RT charge-coupled devices
CMOS image sensors
digital photography
image capture
image convertors
infrared detectors
star trackers
wavefront sensors
DEU CCD-Bildsensor

CCD imagers
USE CCD image sensors

CCD-Bildsensor
DEU for CCD image sensors

CCII
USE current conveyors

CCIR standards
USE standards

CCS
USE calculus of communicating systems
\+ computer communications software

CCS (Carbon Capture and Storage)
DEU for carbon capture and storage

CCS calculations
USE coupled cluster calculations

CCSD calculations
USE coupled cluster calculations

CCSDT calculations
USE coupled cluster calculations

CCTV
USE closed circuit television

CCVS
USE active networks

Cd (chemical element)
USE cadmium
DEU Cd (chemisches Element)

Cd (chemisches Element)
DEU for Cd (chemical element)

CD-ROM (Compact Disc Read Only Memory)
DEU for CD-ROMs

CD-ROM publication
USE optical publishing

CD-ROM searching
USE information retrieval

CD-ROMs
BT optical disc storage
read-only storage
storage media
SY *compact disc storage*
PT optical disc storage
read-only storage
RT audio discs

disc drives
electronic publishing
information retrieval
information retrieval systems
information storage
jukebox storage systems
multimedia computing
optical publishing
DEU CD-ROM (Compact Disc Read Only Memory)

CDMA
USE code division multiple access

CDMA (Code Division Multiple Access)
DEU for code division multiple access

cdma2000
USE 3G mobile communication

CDR circuits
USE clock and data recovery circuits

CDs (audio)
USE audio discs

CDW
USE charge density waves

Ce (chemical element)
USE cerium
DEU Ce (chemisches Element)

Ce (chemisches Element)
DEU for Ce (chemical element)

Ce stars
USE giant stars
+ variable stars

Ceefax
USE teletext

ceilings
BT construction components
RT floors
tiles
DEU Decke (Bauwerksteil)

celestial mechanics
BT astronomy
mechanics
SY *Kepler laws*
orbits (solar system)
UF *three-body problem / celestial mechanics + N-body problems*
RT astronomical ephemerides
Earth orbit
eclipses
gravitation
N-body problems
occultations
planets
solar system
stellar dynamics
transits
DEU Himmelsmechanik

cell model (liquids)
USE liquid theory

cell motility
BT cellular transport
SY *chemotaxis*
PT cellular biophysics
DEU Zellmotilität

Cellnet
USE cellular radio
+ radiotelephony

cells (electric)
BT direct energy conversion
electrochemical devices
NT fuel cells
photoelectric cells
photoelectrochemical cells
primary cells
secondary cells
UF *batteries / cells (electric) + primary cells + secondary cells*
SY *chemical batteries*
electric cells
electrochemical batteries
RT battery testers
electric charge
electrochemical electrodes
electrolysis
microbial electrolysis cells
power supplies to apparatus
solid oxide electrolysis cells
DEU elektrolytische Zelle
DSY galvanische Zelle
Zelle (elektrisch)

cellular arrays
BT arrays
digital integrated circuits
NT systolic arrays
UF *macrocells / cellular arrays + integrated logic circuits + logic arrays*
SY *masterslice*
standard cells
RT cellular logic
integrated logic circuits

logic arrays
PROM
DEU Zellenfeld
DSY zellulare Gebiet

cellular automata
BT evolutionary computation
finite automata
NT sandpile models
PT finite automata
RT artificial life
chaos
lattice theory
nonlinear dynamical systems
probabilistic automata
self-organised criticality
DEU zellularer Automat

cellular biophysics
BT biophysics
NT cellular effects of radiation
cellular transport
UF *blood platelets / blood + cellular biophysics*
SY *chromosomes*
cytology
UF *erythrocytes / blood + cellular biophysics*
UF *leucocytes / blood + cellular biophysics*
UF *lymphocytes / blood + cellular biophysics*
PT biophysics
RT biological tissues
bioluminescence
biomedical materials
biomembranes
gene therapy
genetic engineering
genetics
lipid bilayers
microorganisms
nanobiotechnology
proteomics
tissue engineering
tumours
DEU Zellphysik (Biophysik)

cellular communications
USE cellular radio

cellular effects of radiation
BT biological effects of radiation
cellular biophysics
PT biological effects of radiation
cellular biophysics
RT biological effects of acoustic radiation
biological effects of gamma-rays
biological effects of ionising particles
biological effects of ionising radiation
biological effects of laser radiation
biological effects of microwaves
biological effects of neutrons
biological effects of ultraviolet radiation
biological effects of X-rays
photosynthesis
DEU Strahlenwirkung auf Zellen
DSY Wirkung von Strahlung auf Zellen
Zelleinwirkung von Strahlung
Zellwirkung von Strahlung

cellular logic
BT formal logic
PT formal logic
RT cellular arrays
cellular neural nets
DEU zellulare Logik

cellular manufacturing
BT manufacturing systems
RT flexible manufacturing systems
production control
DEU Fertigungszelle
DSY zellulare Fertigung

cellular metals
USE metal foams

cellular method
USE band theory

cellular neural nets
BT neural nets
PT neural nets
RT cellular logic
DEU zellulares neuronale Netz

cellular polymers
USE polymer foams

cellular radio
BT land mobile radio
radiotelephony
NT femtocellular radio
microcellular radio
picocellular radio
UF *Cellnet / cellular radio + radiotelephony*
SY *cellular communications*
cellular telephones
UF *EDGE / 3G mobile communication + cellular radio +*

telecommunication standards
UF *enhanced data rate for GSM evolution / 3G mobile communication + cellular radio + telecommunication standards*
UF *general packet radio service / cellular radio + packet radio networks*
UF *GPRS / cellular radio + packet radio networks*
SY *Groupe Speciale Mobile*
GSM
UF *pan-European radio / cellular radio + digital radio*
UF *Vodafone / cellular radio + radiotelephony*
PT mobile radio systems
RT 3G mobile communication
4G mobile communication
Bluetooth
channel allocation
channel estimation
code division multiplexing
high altitude stratospheric platforms
Long Term Evolution
mobile handsets
mobility management (mobile radio)
multiuser detection
personal communication networks
radio access networks
radio transceivers
software radio
space division multiple access
UHF antennas
DEU zellularer Funk
DSY zellulares Radio

cellular telephones
USE cellular radio

cellular transport
BT biotransport
cellular biophysics
NT biomembrane transport
cell motility
PT cellular transport and dynamics
DEU Zelltransport (Biophysik)
DSY zellularer Transport (Biolphysik)

CELP
USE linear predictive coding

cement industry
BT manufacturing industries
SY *concrete industry*
RT cements (building materials)
concrete
geopolymers
DEU Zementindustrie

cemented carbides
USE cermets

cements (building materials)
BT building materials
chemical products
SY *plaster*
Portland cement
PT materials
RT cement industry
concrete
geopolymers
mortar
plasticisers
DEU Zement (Baustoff)

census
USE demography

Centaurs
USE asteroids

centralised control
BT automation
SY *centralised plant control*
integrated control systems
integrated plant control
PT integrated plant control
RT process control
DEU Zentralsteuerung

centralised plant control
USE centralised control

centrifugal casting
BT casting
PT casting
RT centrifuges
DEU Schleudergießen

centrifuges
SY *ultracentrifuges*
RT centrifugal casting
rotation
DEU Zentrifuge

Cepheids
USE variable stars

cepstral analysis
BT spectral analysis
PT spectral analysis
RT image processing
signal processing

speech processing
DEU Cepstral-Analyse

Cepstral-Analyse
DEU for cepstral analysis

Cer
DEU for cerium

ceramals
USE cermets

ceramic ball grid arrays
USE ball grid arrays
\+ ceramic packaging

ceramic capacitors
BT capacitors
ceramics
SY *MLC capacitors*
multilayer ceramic capacitors
PT capacitors
ceramics
RT ferroelectric capacitors
piezoceramics
DEU Keramikkondensator

ceramic filters
USE crystal filters

ceramic industry
BT manufacturing industries
RT brick industry
ceramic products
ceramics
glazes
DEU Keramikindustrie
DSY keramische Industrie

ceramic insulating materials
USE ceramic insulation

ceramic insulation
BT ceramics
insulating materials
SY *ceramic insulating materials*
UF *porcelain insulation / ceramic insulation + porcelain insulators*
PT ceramics
insulating materials
RT ceramic insulators
porcelain
DEU Keramikisolation

ceramic insulators
BT insulators
NT porcelain insulators
PT ceramics
insulators
RT ceramic insulation
ceramic products
insulator contamination
insulator testing
DEU Keramikisolator

ceramic packaging
BT ceramics
electronics packaging
UF *ceramic ball grid arrays / ball grid arrays + ceramic packaging*
SY *low-temperature co-fired ceramic packaging*
LTCC packaging
PT ceramics
RT ball grid arrays
ceramic products
integrated circuit packaging
multichip modules
DEU Keramikverpackung

ceramic products
BT manufactured products
NT pottery
RT ceramic industry
ceramic insulators
ceramic packaging
ceramics
glass products
glazes
porcelain
tiles
DEU Keramikerzeugnis

ceramic superconductors
USE high-temperature superconductors

ceramics
BT materials
NT bioceramics
ceramic capacitors
ceramic insulation
ceramic packaging
ferroelectric ceramics
glass ceramics
piezoceramics
porcelain
SY *low-temperature cofired ceramics*
RT ceramic industry
ceramic products
cermets
clay
combustion synthesis
dielectric materials
electrets
enamels
firing (materials)

functionally graded materials
glass
high-temperature superconductors
microwave materials
porous materials
powder technology
refractories
tape casting
DEU Keramik

cerebellar model arithmetic computers
BT neural nets
SY *cerebellar model articulation controllers*
CMAC
PT neural nets
DEU Kleinhirnmodell-Arithmetikcomputer
DSY Zerebrellarmodell-Arithmetikcomputer

cerebellar model articulation controllers
USE cerebellar model arithmetic computers

cerebellum
USE brain

cerebrum
USE brain

Cerenkov counters
USE Cherenkov counters

Cerenkov radiation
USE Cherenkov radiation

Cerenkov-Strahlung
DEU for Cherenkov radiation

cerium
BT rare earth metals
SY *Ce (chemical element)*
RT cerium alloys
cerium compounds
DEU Cer
DSY Zer

cerium alloys
BT rare earth alloys
PT rare earth alloys
RT cerium
cerium compounds
DEU Cerlegierung

cerium compounds
BT rare earth compounds
RT cerium
cerium alloys
DEU Cerverbindung

Cerlegierung
DEU for cerium alloys

Cermet
DEU for cermets

cermets
BT composite materials
SY *cemented carbides*
ceramals
hard metals
PT ceramics
metals
RT ceramics
functionally graded materials
particle reinforced composites
powder technology
refractories
DEU Cermet

certification
RT accreditation
calibration
professional aspects
quality control
quality management
reliability
safety
standardisation
standards
DEU Zertifizierung

Cerverbindung
DEU for cerium compounds

cesium
USE caesium

cesium alloys
USE caesium alloys

cesium clocks
USE atomic clocks

cesium compounds
USE caesium compounds

CESR
BT paramagnetic resonance
SY *conduction electron spin resonance*
paramagnetic resonance of

conduction electrons
PT paramagnetic resonance
DEU CESR (Conduction Electron Spin Resonance)
DSY Conduction Electron Spin Resonance (CESR)
Elektronenspinleitungsresonanz

CESR (Conduction Electron Spin Resonance)
DEU for CESR

CETI
USE extraterrestrial life

Cf (chemical element)
USE californium
DEU Cf (chemisches Element)

Cf (chemisches Element)
DEU for Cf (chemical element)

CFD
USE computational fluid dynamics

CFF calculations
USE orbital calculations

CFRP
USE carbon fibre reinforced plastics

CGH
USE computer-generated holography

CH stars
USE giant stars

CH subdwarfs
USE dwarf stars

chains
BT mechanical products
RT belts
conveyors
drives
fasteners
power transmission (mechanical)
pulleys
sawing machines
sprockets
DEU Kette

chalcogenide glasses
BT amorphous semiconductors
glass
UF *semiconductor glasses / amorphous semiconductors + chalcogenide glasses*
PT amorphous semiconductors
glass
RT phase change memories
ternary semiconductors
DEU Chalcogenidglas

Chalcogenidglas
DEU for chalcogenide glasses

change management
USE management of change

channel allocation
BT telecommunication channels
SY *channel assignment*
dynamic channel allocation
PT frequency allocation
telecommunication channels
RT cellular radio
channel capacity
frequency allocation
mobile radio
multi-access systems
personal communication networks
radio spectrum management
wavelength assignment
DEU Kanalzuweisung

channel assignment
USE channel allocation

channel bank filters
BT band-pass filters
SY *filter banks*
PT band-pass filters
RT frequency division multiplexing
DEU Kanalfilterbank

channel capacity
BT telecommunication channels
SY *capacity, channel*
information capacity
RT channel allocation
channel spacing
information theory
molecular communication (telecommunication)
multiuser channels
quantum communication
DEU Kanalkapazität

channel coding
BT encoding (general)
NT combined source-channel coding
PT encoding (general)
RT block codes
convolutional codes
decode and forward

communication
decoding
image coding
network coding
precoding
source coding
space-time block codes
space-time codes
speech coding
telecommunication channels
DEU Kanalcodierung

channel estimation
BT parameter estimation
telecommunication channels
PT parameter estimation
RT cellular radio
code division multiple access
diversity reception
equalisers
fading channels
interference suppression
MIMO communication
mobile radio
multipath channels
multiuser channels
radio receivers
signal detection
spread spectrum communication
DEU Kanalabschätzung

channel flow
BT confined flow
NT microchannel flow
PT flow
RT pipe flow
Poiseuille flow
DEU Kanalströmung

channel spacing
BT telecommunication channels
RT channel capacity
optical crosstalk
optical fibre communication
wavelength division multiplexing
DEU Kanalspreizung

channel substrate planar lasers
USE semiconductor lasers

channel waveguide lasers
USE waveguide lasers

channeling
USE channelling

channeling radiation
USE channelling radiation

channelling
SY *channeling*
RT channelling radiation
energy loss of particles
DEU Kanalisieren

channelling radiation
BT electromagnetic waves
SY *channeling radiation*
PT channelling
electromagnetic waves
RT channelling
DEU kanalisierte Strahlung
DSY Strahlenkanalisierung

chaos
NT chaos generators
chaotic communication
optical chaos
PT random processes
RT bifurcation
cellular automata
Chua's circuit
econophysics
Henon mapping
nonlinear dynamical systems
pattern formation
predator-prey systems
random media
random processes
self-organised criticality
spatiotemporal phenomena
telecommunication security
DEU Chaos (allgemein)

Chaos (allgemein)
DEU for chaos

chaos generators
BT chaos
signal generators
PT chaos
RT function generators
noise generators
nonlinear network synthesis
piecewise linear techniques
DEU Chaos-Generator

Chaos-Generator
DEU for chaos generators

chaotic communication
BT chaos
telecommunication
PT chaos

RT cryptography
optical chaos
synchronisation
telecommunication security
time series
DEU chaotische Kommunikation

chaotische Kommunikation
DEU for chaotic communication

character recognition
BT pattern recognition
NT handwritten character recognition
optical character recognition
PT pattern recognition
RT character recognition equipment
character sets
sensors
text detection
DEU Zeichenerkennung

character recognition equipment
BT pattern recognition equipment
RT character recognition
character sets
image scanners
pattern recognition
DEU Zeichenerkennungsausrüstung
DSY Zeichenerkennungsausstattung
Zeichenerkennungsgerät

character sets
BT document handling
SY *fonts*
type fonts
RT character recognition
character recognition equipment
DEU Zeichensatz

characteristic temperature
USE Debye temperature

characteristics measurement
BT measurement
RT semiconductor device measurement
DEU Eigenschaftenmessung
DSY Messen der Charakteristik
Messen der Eigenschaften
Messung der Charakteristik

Charakteristikaextraktion
DEU for feature extraction

charcoal
RT activated carbon
carbon
DEU Holzkohle

charge (electric)
USE electric charge

charge compensation
SY *compensation, charge*
RT crystal field interactions
crystallography
impurity states
DEU Ladungdkompensation
DSY Ladungsausgleich

charge density waves
BT waves
SY *CDW*
RT charge-ordered states
commensurate-incommensurate transformations
electron gas
one-dimensional conductivity
Peierls instability
DEU Ladungsdichtewelle

charge exchange
SY *charge transfer*
RT atom-ion collisions
charge transfer states
chemical reactions
collision processes
electron capture
ion-molecule collisions
ionisation
DEU Ladungsaustausch

charge injection
BT electric charge
RT charge-coupled devices
space charge
static electrification
surface charging
DEU Ladungsinjektion

charge measurement
BT electric variables measurement
NT battery charge measurement
partial discharge measurement
RT electric charge
electrometers
pulsed electroacoustic methods
DEU Ladungsmessung

charge pump circuits
BT networks (circuits)
RT capacitors
CMOS integrated circuits
DC-DC power convertors
low-power electronics
phase locked loops
power supply circuits

switched capacitor networks
switching convertors
voltage dividers
voltage multipliers
voltage regulators
DEU Ladungpumpenschaltung
DSY Ladungspumpenschaltkreis

charge storage diodes
BT semiconductor diodes
SY *step-recovery diodes*
PT semiconductor diodes
DEU Ladungsspeicherdiode

charge transfer
USE charge exchange

charge transfer states
BT energy states
SY *charge transfer transitions*
PT inorganic molecule electronic structure
localised electron states
molecular electronic structure
organic molecule electronic structure
RT charge exchange
excited states
localised states
molecular electronic states
DEU Ladungstransferzustand

charge transfer transitions
USE charge transfer states

charge-coupled device arrays
USE charge-coupled device circuits

charge-coupled device circuits
BT field effect integrated circuits
NT CCD image sensors
SY *bucket-brigade device arrays*
CCD circuits
charge-coupled device arrays
charge-injection device arrays
charge-transfer device arrays
PT charge-coupled devices
monolithic integrated circuits
RT charge-coupled devices
DEU ladungsgekoppelte Schaltung
DSY ladungsgekoppelter Schaltkreis

charge-coupled device imagers
USE CCD image sensors

charge-coupled devices
BT MIS devices
SY *bucket-brigade devices*
CCD
charge-injection devices
charge-transfer devices
PT metal-insulator-semiconductor devices
RT CCD image sensors
charge injection
charge-coupled device circuits
DEU ladungsgekoppeltes Bauelement
DSY ladungsgekoppeltes Gerät

charge-injection device arrays
USE charge-coupled device circuits

charge-injection devices
USE charge-coupled devices

charge-ordered states
BT localised states
PT localised electron states
RT charge density waves
DEU Ladungsanforderungszustand

charge-transfer device arrays
USE charge-coupled device circuits

charge-transfer devices
USE charge-coupled devices

charged currents
BT elementary particle weak interactions
PT current algebra
RT current algebra
neutral currents
weak interactions (atomic physics)
weak interactions (molecular physics)
Weinberg model
DEU geladener Strom

charged dislocations
USE dislocation dipoles

charging, contact
USE surface charging

charginos
USE sparticles

charitable organisations
USE nonprofit organisations

charities
USE nonprofit organisations

charm particles
BT elementary particles
NT D mesons
PT elementary particles
RT baryon resonances
Lambda baryons
meson resonances
quark models
DEU Charm-Partikel
DSY Charm-Teilchen

Charm-Partikel
DEU for charm particles

Charm-Teilchen
DUS für charm particles

Charpy testing
USE dynamic testing

charts
NT bar charts
control charts
decision tables
flowcharting
RT design aids
diagrams
graphs
DEU Karte
DSY Tabelle

charts, astronomical
USE finding charts

Chebyshev approximation
BT function approximation
RT polynomial approximation
DEU Tschebyscheff-Funktion

Chebyshev filters
BT equiripple filters
SY *Tchebyscheff filters*
RT band-pass filters
Butterworth filters
digital filters
elliptic filters
low-pass filters
DEU Tschebyscheff-Filter

check processing
USE cheque processing

checkpointing
BT system recovery
PT system recovery
RT operating systems (computers)
DEU Prüfpunktsetzen

cheese
USE dairy products

CHEMFET
USE ion sensitive field effect transistors

chemical analysis
BT physical chemistry
NT chromatography
electrochemical analysis
electron probe analysis
ion microanalysis
ion microprobe analysis
mass spectroscopic chemical analysis
nuclear chemical analysis
radioactive chemical analysis
spectrochemical analysis
X-ray chemical analysis
SY *analytical chemistry*
chemical composition
composition measurement
UF *concentration measurement / chemical analysis + chemical variables measurement*
SY *gas analysis*
micro total analysis systems
microanalysis
microchemical analysis
muTAS
quantitative analysis
RT chemical reactions
chemical sensors
chemical technology
chemical variables measurement
element relative abundance
forensic science
impurities
lab-on-a-chip
photometry
polarimeters
polarimetry
pollution measurement
thermal analysis
turbidimetry
DEU chemische Analyse

chemical analysis by mass spectrometry
USE mass spectroscopic chemical analysis

chemical analysis by nuclear reactions and scattering
USE nuclear chemical analysis

chemical association
USE association (chemical)

chemical batteries
USE cells (electric)

chemical beam epitaxial growth
BT vapour phase epitaxial growth
SY *CBE*
gas source MBE
GSMBE
metalorganic molecular beam epitaxy
MOMBE
OMMBE
PT vapour phase epitaxial growth
RT molecular beam epitaxial growth
DEU Chemiestrahlepitaxialwachstum

chemical bonds
USE bonds (chemical)

chemical composition
USE chemical analysis

chemical diffusion
USE diffusion

chemical effects of nuclear reactions and scattering
BT nuclear chemistry
DEU chemische Wirkung von Kernstrahlung und Streuung

chemical effects of radiation
USE radiation chemistry

chemical elements
USE elements (chemical)

chemical energy conversion
BT direct energy conversion
SY *photochemical energy conversion*
thermochemical energy conversion
PT direct energy conversion
RT solar energy conversion
DEU chemische Energieumwandlung

chemical engineering
BT engineering
NT chemical engineering computing
PT chemical technology
RT chemical industry
chemical technology
microreactors
process design
DEU chemische Verfahrenstechnik

chemical engineering computing
BT chemical engineering
engineering computing
PT engineering applications of computers
RT chemical industry
chemical technology
computerised control
computerised instrumentation
DEU chemietechnische Computeranwendung
DSY chemietechnische Rechneranwendung
Computeranwendung in der Chemietechnik
Computeranwendung in der chemischen Technik
Rechneranwendung in der Chemietechnik
Rechneranwendung in der chemischen Technik

chemical equilibrium
BT physical chemistry
UF *Belousov-Zhabotinskii reaction / chemical equilibrium + chemical reactions + reaction kinetics theory*
UF *Bray reactions / chemical equilibrium + chemical reactions + reaction kinetics theory*
UF *Briggs-Rauscher reaction / chemical equilibrium + chemical reactions + reaction kinetics theory*
SY *equilibrium constants*
equilibrium, chemical
UF *Field-Noyes reaction / chemical equilibrium + chemical reactions + reaction kinetics theory*
UF *Hafke-Gilles reaction / chemical equilibrium + chemical reactions + reaction kinetics theory*
SY *oregonator*
RT chemical reactions
chemical relaxation
phase equilibrium
thermodynamics
DEU chemisches Gleichgewicht

chemical exchanges
BT chemical reactions
NT ion exchange
SY *exchanges (chemical)*

proton transfer
substitution reactions
RT distillation
isotope exchanges
reaction kinetics
DEU chemischer Austausch

chemical hazards
BT hazards
RT biohazards
contamination
explosions
hazardous materials
national security
toxicology
DEU chemische Gefährdung
DSY chemische Gefahr

chemical industry
BT manufacturing industries
PT chemical technology
RT agrochemicals
chemical engineering
chemical engineering computing
chemical reactors
chemical technology
fermentation
microreactors
petrochemicals
DEU Chemieindustrie
DSY chemische Industrie

chemical interdiffusion
BT diffusion
interface phenomena
SY *interdiffusion*
Kirkendall effect
PT diffusion in solids
RT diffusion barriers
diffusion bonding
ion beam mixing
DEU chemische Zwischendiffusion

chemical kinetics
USE reaction kinetics

chemical lasers
BT lasers
SY *photodissociation lasers*
PT gas lasers
RT gas lasers
DEU chemischer Laser

chemical mechanical planarisation
USE chemical mechanical polishing
\+ planarisation

chemical mechanical polishing
BT polishing
UF *chemical mechanical planarisation / chemical mechanical polishing + planarisation*
SY *CMP*
PT polishing
RT integrated circuit technology
planarisation
semiconductor technology
DEU chemisch-mechanisches Polieren

chemical potential
BT thermodynamic properties
PT thermodynamic properties
RT free energy
fugacity
DEU chemisches Potential
DSY chemisches Potenzial

chemical products
BT manufactured products
NT agrochemicals
cements (building materials)
concrete
cosmetics
detergents
fats
glass
inhibitors
lacquers
mortar
oils
paints
petrochemicals
petroleum
pharmaceuticals
plasticisers
plastics
polymers
preservatives
soaps
solvents (industrial)
varnish
waxes
UF *fungicides / agrochemicals + chemical products*
UF *herbicides / agrochemicals + chemical products*
UF *pesticides / agrochemicals + chemical products + pest control*
RT plastic products
production materials
vending machines
DEU chemisches Produkt

chemical radiation detectors
BT particle detectors
SY *chlorine radiochemical detectors*
PT particle detectors
RT cosmic ray apparatus
neutrino detection
DEU chemischer Strahlendetektor

chemical reactions
NT association (chemical)
atom-atom reactions
atom-ion reactions
atom-molecule reactions
catalysis
chemical exchanges
chemisorption
corrosion
dissociation
electrolysis
free radical reactions
hydrogenation
ion-molecule reactions
isomerisation
molecule-molecule reactions
nitridation
oxidation
photolysis
plasma chemistry
polymerisation
pyrolysis
radiolysis
reduction (chemical)
solvation
UF *Belousov-Zhabotinskii reaction / chemical equilibrium + chemical reactions + reaction kinetics theory*
UF *Bray reactions / chemical equilibrium + chemical reactions + reaction kinetics theory*
UF *Briggs-Rauscher reaction / chemical equilibrium + chemical reactions + reaction kinetics theory*
SY *chemical reactivity*
UF *Field-Noyes reaction / chemical equilibrium + chemical reactions + reaction kinetics theory*
UF *Hafke-Gilles reaction / chemical equilibrium + chemical reactions + reaction kinetics theory*
SY *reactions (chemical)*
RT charge exchange
chemical analysis
chemical equilibrium
chemically reactive flow
chemiluminescence
CIDEP
CIDNP
collision processes
curing
electrochemistry
heat of reaction
photochemistry
physical chemistry
potential energy surfaces
quantum chemistry
radiation chemistry
reaction kinetics
reaction-diffusion systems
thermochemistry
thermodynamics
DEU chemische Reaktion

chemical reactivity
USE chemical reactions

chemical reactors
BT chemical technology
NT bioreactors
microreactors
SY *contactors (chemical)*
reactors (chemical)
PT chemical technology
RT chemical industry
crystallisers
process control
DEU chemischer Reaktor

chemical relaxation
BT relaxation
PT relaxation
RT chemical equilibrium
DEU chemische Entspannung
DSY chemische Relaxation

chemical sensors
BT sensors
NT electrochemical sensors
electronic tongues
gas sensors
UF *pH sensors / chemical sensors + pH measurement*
PT chemical analysis
detectors
gas sensors
RT biosensors
chemical analysis
chemical variables measurement
electric sensing devices
electrochemical analysis
electronic noses
explosive detection
explosives
ion sensitive field effect transistors
lab-on-a-chip

nanosensors
nonelectric sensing devices
quartz crystal microbalances
DEU chemischer Sensor

chemical shielding
USE nuclear screening

chemical shift
BT spectral line shift
RT electron spectra
isomer shift
Knight shift
magic angle spinning
nuclear magnetic resonance
spectra (general)
spectral line breadth
DEU chemische Verschiebung

chemical structure
BT physical chemistry
NT bonds (chemical)
SY *structure (chemical)*
RT crystal chemistry
crystal structure
molecular configurations
stoichiometry
DEU chemische Struktur

chemical technology
BT technology
NT chemical reactors
chemical variables control
chemical variables measurement
crystallisers
distillation equipment
fermentation
fluidisation
pharmaceutical technology
RT chemical analysis
chemical engineering
chemical engineering computing
chemical industry
deaeration
decontamination
distillation
flocculation
heat exchangers
microfiltration
molecular sieves
nanofiltration
oil refining
ozonation (materials processing)
physical chemistry
refining
reverse osmosis
separation
ultrafiltration
water gas shift
DEU chemische Technik
DSY chemische Technologie

chemical vapor deposited coatings
USE CVD coatings

chemical vapor deposition
USE chemical vapour deposition

chemical vapor infiltration
USE chemical vapour infiltration

chemical vapour deposited coatings
USE CVD coatings

chemical vapour deposition
BT vapour deposition
NT MOCVD
plasma CVD
SY *APCVD*
chemical vapor deposition
CVD
UF *laser CVD / chemical vapour deposition + laser deposition*
UF *laser-induced CVD / chemical vapour deposition + laser deposition*
SY *LPCVD*
PT vapour deposition
RT atomic layer deposition
atomic layer epitaxial growth
chemical vapour infiltration
CVD coatings
optical fibre fabrication
DEU Chemical-Vapor-Deposition-Verfahren
DSY chemische Abscheidung aus der Dampfphase
chemische Abscheidung aus der Gasphase
chemische Dampfphasenabscheidung
chemische Gasphasenabscheidung
chemisches Aufdampfen
chemisches Dampfabscheideverfahren
CVD-Verfahren
Gasphasenepitaxie

chemical vapour infiltration
BT materials preparation
SY *chemical vapor infiltration*
CVI
PT chemical vapour deposition
materials preparation
RT chemical vapour deposition

fibre reinforced composites
DEU chemische Dampfphaseninfiltration

chemical variables control
BT chemical technology
control of specific variables
NT moisture control
pH control
SY *fluid composition control*
RT fermentation
pollution control
DEU Steuerung chemischer Größen

chemical variables measurement
BT chemical technology
measurement
NT moisture measurement
oximetry
pH measurement
UF *concentration measurement / chemical analysis + chemical variables measurement*
SY *fluid composition measurement*
RT biosensors
chemical analysis
chemical sensors
electrochemical sensors
gas sensors
pollution measurement
DEU Messen chemischer Größen

Chemical-Vapor-Deposition-Verfahren
DEU for chemical vapour deposition

chemically induced dynamical electron polarisation
USE CIDEP

chemically induced dynamical nuclear polarisation
USE CIDNP

chemically peculiar stars
BT stars
UF *alpha CVn stars / chemically peculiar stars + magnetic stars + variable stars*
SY *Am stars*
UF *Ap stars / chemically peculiar stars + magnetic stars*
UF *Bp stars / chemically peculiar stars + magnetic stars*
UF *chromium stars / chemically peculiar stars + magnetic stars*
UF *Co stars / chemically peculiar stars + variable stars*
UF *cobalt stars / chemically peculiar stars + variable stars*
SY *CP stars*
CP1 stars
UF *CP2 stars / chemically peculiar stars + magnetic stars*
SY *CP3 stars*
CP4 stars
UF *delta Del stars / chemically peculiar stars + giant stars*
UF *europium stars / chemically peculiar stars + magnetic stars*
SY *Fm stars*
UF *helium strong stars / chemically peculiar stars + magnetic stars*
UF *helium variable stars / chemically peculiar stars + magnetic stars*
UF *helium weak stars / chemically peculiar stars + magnetic stars*
SY *helium-3 stars*
Hg-Mn stars
UF *intermediate helium stars / chemically peculiar stars + magnetic stars*
UF *low-harmonic pulsating CP2 stars / chemically peculiar stars + magnetic stars + variable stars*
SY *manganese stars*
mercury-manganese stars
metallic-line stars
UF *peculiar A stars / chemically peculiar stars + magnetic stars*
UF *rapidly oscillating Ap stars / chemically peculiar stars + magnetic stars + variable stars*
UF *silicon (4200) stars / chemically peculiar stars + magnetic stars*
UF *spectrum variables / chemically peculiar stars + magnetic stars*
UF *strontium stars / chemically peculiar stars + magnetic stars*
UF *SX Ari stars / chemically peculiar stars + magnetic stars + variable stars*
PT magnetic stars
RT magnetic stars
DEU chemisch besondere Stern
DSY chemisch seltsamer Stern

chemically reactive flow
BT flow
PT flow
RT chemical reactions
propellants
DEU chemisch reaktive Strömung
DSY chemisch reaktiver Fluss

Chemie
DEU for chemistry

Chemie der Planeten
DEU for planetary chemistry

Chemieindustrie
DEU for chemical industry

Chemiestrahlepitaxialwachstum
DEU for chemical beam epitaxial growth

chemietechnische Computeranwendung
DEU for chemical engineering computing

chemietechnische Rechneranwendung
DUS für chemical engineering computing

chemiluminescence
BT luminescence
NT bioluminescence
PT chemical reactions
luminescence
RT chemical reactions
photochemistry
DEU Chemolumineszenz

chemioception
BT somatosensory phenomena
SY *olfaction*
smell (physiological)
taste
RT biotransport
electronic noses
neurophysiology
DEU Chemiozeption

Chemiozeption
DEU for chemioception

chemisch besondere Stern
DEU for chemically peculiar stars

chemisch induzierte dynamische Elektronenpolarisation
DEU for CIDEP

chemisch induzierte dynamische Kernpolarisation
DEU for CIDNP

chemisch reaktive Strömung
DEU for chemically reactive flow

chemisch reaktiver Fluss
DUS für chemically reactive flow

chemisch seltsamer Stern
DUS für chemically peculiar stars

chemisch-mechanisches Polieren
DEU for chemical mechanical polishing

chemische Abscheidung aus der Dampfphase
DUS für chemical vapour deposition

chemische Abscheidung aus der Gasphase
DUS für chemical vapour deposition

chemische Analyse
DEU for chemical analysis

chemische Assoziation
DUS für association (chemical)

chemische Computeranwendung
DEU for chemistry computing

chemische Dampfphasenabscheidung
DUS für chemical vapour deposition

chemische Dampfphaseninfiltration
DEU for chemical vapour infiltration

chemische Energieumwandlung
DEU for chemical energy conversion

chemische Entspannung
DEU for chemical relaxation

chemische Gasphasenabscheidung
DUS für chemical vapour deposition

chemische Gefährdung
DEU for chemical hazards

chemische Gefahr
DUS für chemical hazards

chemische Industrie
DUS für chemical industry

chemische Reaktion
DEU for chemical reactions

chemische Rechneranwendung
DUS für chemistry computing

chemische Reduktion
DEU for reduction (chemical)

chemische Relaxation
DUS für chemical relaxation

chemische Röntgenanalyse
DEU for X-ray chemical analysis

chemische Struktur
DEU for chemical structure

chemische Technik
DEU for chemical technology

chemische Technologie
DUS für chemical technology

chemische Verfahrenstechnik
DEU for chemical engineering

chemische Verschiebung
DEU for chemical shift

chemische Wirkung von Kernstrahlung und Streuung
DEU for chemical effects of nuclear reactions and scattering

chemische Zwischendiffusion
DEU for chemical interdiffusion

chemischer Austausch
DEU for chemical exchanges

chemischer Laser
DEU for chemical lasers

chemischer Reaktor
DEU for chemical reactors

chemischer Sensor
DEU for chemical sensors

chemischer Strahlendetektor
DEU for chemical radiation detectors

chemisches Aufdampfen
DUS für chemical vapour deposition

chemisches Dampfabscheideverfahren
DUS für chemical vapour deposition

chemisches Element
DEU for elements (chemical)

chemisches Gleichgewicht
DEU for chemical equilibrium

chemisches Potential
DEU for chemical potential

chemisches Potenzial
DUS für chemical potential

chemisches Produkt
DEU for chemical products

chemisorbed layers
UF *adlayers / adsorbed layers + chemisorbed layers*
PT adsorbed layers
chemisorption
RT adsorbed layers
chemisorption
monolayers
surface phenomena
DEU chemisorbierte Schicht

chemisorbierte Schicht
DEU for chemisorbed layers

chemisorption
BT chemical reactions
sorption
RT chemisorbed layers
surface chemistry
DEU Chemisorption

Chemisorption
DEU for chemisorption

chemistry
BT natural sciences
NT atmospheric chemistry
biochemistry
physical chemistry
RT chemistry computing
DEU Chemie

chemistry computing
BT natural sciences computing
NT spectroscopy computing
PT natural sciences applications of computers
RT chemistry
computerised instrumentation
environmental science computing
DEU chemische Computeranwendung
DSY chemische Rechneranwendung
Computeranwendung in der Chemie
Rechneranwendung in der Chemie

chemistry, physical
USE physical chemistry

Chemla effect
USE ion mobility

Chemolumineszenz
DEU for chemiluminescence

chemotaxis
USE cell motility

Chen potential
USE atomic forces

cheque processing
BT banking
SY *check processing*
remote deposit capture
PT banking
RT remittance processing
DEU Scheckverarbeitung

Cherenkov counters
BT counters
SY *Cerenkov counters*
Cherenkov detectors
RICH detectors
ring imaging Cherenkov detectors
RT Cherenkov radiation
DEU Cherenkov-Zähler

Cherenkov detectors
USE Cherenkov counters

Cherenkov radiation
BT electromagnetic waves
SY *Cerenkov radiation*
Vavilov-Cherenkov radiation
RT Cherenkov counters
cosmic rays
electron radiation
DEU Cerenkov-Strahlung

Cherenkov-Zähler
DEU for Cherenkov counters

Chern-Simons theory
BT gauge field theory
PT gauge field theory
DEU Chern-Simons-Theorie

Chern-Simons-Theorie
DEU for Chern-Simons theory

chi mesons
BT meson resonances
PT meson resonances
DEU Chi-Meson

Chi-Meson
DEU for chi mesons

child medicine
USE paediatrics

CHILL
USE specification languages

chilling
USE cooling

Chintz
USE cotton fabrics

chip carriers
USE integrated circuit packaging

chip scale packaging
BT integrated circuit packaging
PT integrated circuit packaging
RT fine-pitch technology
flip-chip devices
printed circuit manufacture
surface mount technology
system-in-package
wafer level packaging
DEU chipgroßes Gehäuse
DSY Verpackung in Chipgröße

chip stacking
USE three-dimensional integrated circuits

chip-on-board packaging
BT electronics packaging
SY *COB*
RT flip-chip devices
integrated circuit packaging
multichip modules
printed circuit manufacture
surface mount technology
DEU Chip-on-Board-Gehäuse
DSY Chip-on-Board-Packung
Chip-on-Board-Verpackung

Chip-on-Board-Gehäuse
DEU for chip-on-board packaging

Chip-on-Board-Packung
DUS für chip-on-board packaging

Chip-on-Board-Verpackung
DUS für chip-on-board packaging

chipgroßes Gehäuse
DEU for chip scale packaging

Chipkarte
DEU for plastic cards

chiral media
USE chirality

chiral symmetries
BT chirality
elementary particle symmetry
SY *chirality (elementary particles)*
PT chirality
RT SU(N) theory
DEU chirale Symmetrie

chiral waveguides
USE chirowaveguides

chirale Symmetrie
DEU for chiral symmetries

chiraler Wellenleiter
DEU for chirowaveguides

Chiralität (Chemie)
DEU for chirality

Chiralität (Physik)
DUS für chirality

chirality
NT chiral symmetries
chirowaveguides
SY *chiral media*
RT anisotropic media
electromagnetic field theory
electromagnetic waves
electromagnetism
metamaterials
molecular configurations
DEU Chiralität (Chemie)
DSY Chiralität (Physik)

chirality (elementary particles)
USE chiral symmetries

chirowaveguides
BT chirality
waveguides
SY *chiral waveguides*
PT waveguide theory
waveguides
RT waveguide theory
DEU chiraler Wellenleiter

chirp modulation
BT modulation
pulse compression
SY *frequency chirp*
laser chirp
RT frequency modulation
high-speed optical techniques
optical modulation
optical pulse compression
radar signal processing
surface acoustic wave signal processing
DEU Chirpmodulation

Chirpmodulation
DEU for chirp modulation

Chirurgie
DEU for surgery

Chlor
DEU for chlorine

chloride glasses
USE halide glasses

chlorine
BT halogens
non-metals
SY *Cl (chemical element)*
RT chlorine compounds
DEU Chlor

chlorine compounds
BT inorganic compounds
RT chlorine
DEU Chlorverbindung

chlorine radiochemical detectors
USE chemical radiation detectors

Chlorverbindung
DEU for chlorine compounds

chokes
USE inductors

cholesteric liquid crystals
BT liquid crystals
PT liquid crystals
DEU cholesterisches Flüssigkristall

cholesterisches Flüssigkristall
DEU for cholesteric liquid crystals

chondrites
USE meteorites

choppers (circuits)
BT switching circuits
PT switching circuits
RT invertors
power convertors
thyristor applications
DEU Zerhacker (Wechselrichter)

chopping
USE cutting

choreography
USE humanities

CHP generation
USE cogeneration

Chrom
DEU for chromium

chromatic aberration
USE aberrations
DEU chromatischer Abbildungsfehler

chromatische Aberration
DUS für aberrations

chromatischer Abbildungsfehler
DEU for chromatic aberration

Chromatographie
DEU for chromatography

chromatography
BT chemical analysis
SY *gas chromatography*
DEU Chromatographie

chromising
USE surface hardening

chromium
BT transition metals
SY *Cr (chemical element)*
RT chromium alloys
chromium compounds
DEU Chrom

chromium alloys
BT transition metal alloys
NT Elinvar (alloy)
UF *Incoloy / chromium alloys + iron alloys + nickel alloys*
UF *Inconel / chromium alloys + iron alloys + nickel alloys*
PT chromium compounds
RT chromium
chromium compounds
DEU Chromlegierung

chromium compounds
BT transition metal compounds
RT chromium
chromium alloys
DEU Chromverbindung

chromium stars
USE chemically peculiar stars
\+ magnetic stars

Chromlegierung
DEU for chromium alloys

chromosomes
USE cellular biophysics

Chromosphäre
DEU for chromosphere

chromosphere
BT solar atmosphere
UF *plages / chromosphere + solar activity*
SY *solar chromosphere*
spicules
UF *transition region (solar atmosphere) / chromosphere + solar corona*
PT Sun
RT solar prominences
DEU Chromosphäre

Chromverbindung
DEU for chromium compounds

chronographs
USE chronometers

chronology
USE time measurement

Chronometer
DEU for chronometers

chronometers
BT clocks
meters
SY *chronographs*
PT clocks
RT time measurement
DEU Chronometer

Chua's circuit
BT networks (circuits)
PT nonlinear network analysis
nonlinear network synthesis
oscillators
RT bifurcation
chaos
nonlinear network analysis
nonlinear network synthesis
oscillators
piecewise linear techniques
DEU Chuas-Schaltkreis
DSY Chuas-Schaltung

Chuas-Schaltkreis
DEU for Chua's circuit

Chuas-Schaltung
DUS für Chua's circuit

chucks
USE work-holding devices

CI calculations
USE configuration interactions

CIDEP
BT magnetic double resonance
SY *chemically induced dynamical electron polarisation*
PT magnetic double resonance
RT chemical reactions
electron spin polarisation
paramagnetic resonance
DEU chemisch induzierte dynamische Elektronenpolarisation
DSY CIDEP (chemisch induzierte dynamische Elektronenpolarisation)

CIDEP (chemisch induzierte dynamische Elektronenpolarisation)
DUS für CIDEP

CIDNP
BT dynamic nuclear polarisation
SY *chemically induced dynamical nuclear polarisation*
PT magnetic double resonance
RT chemical reactions
DEU chemisch induzierte dynamische Kernpolarisation
DSY CIDNP (chemisch induzierte dynamische Kernpolarisation)

CIDNP (chemisch induzierte dynamische Kernpolarisation)
DUS für CIDNP

CIEH calculations
USE EHT calculations

cigarette manufacture
USE tobacco industry

cigarettes
USE tobacco products

cigars
USE tobacco products

CIM
USE computer integrated manufacturing

CIMP
USE magnetic resonance spectroscopy

cinefilming
USE cinematography

Cinematographie
DEU for cinematography

cinematography
BT photography
SY *cinefilming*
motion picture photography
RT cameras
computer animation
recording
DEU Cinematographie

ciphers
USE cryptography

circadian clocks
USE circadian rhythms

circadian rhythms
SY *biological rhythms*
circadian clocks
diurnal activity (biological)
pacemakers (light)
seasonal clocks
RT bio-optics
biochemistry
biothermics
patient treatment
DEU Biorhythmus

circuit analysis
USE network analysis

circuit analysis computing
BT computer aided analysis
electronic engineering computing
network analysis
NT circuit simulation
SY *computer-aided circuit analysis*
PT computer-aided circuit analysis
RT circuit CAD
digital simulation
fault location
fault simulation
SPICE
DEU computerunterstützte Schaltungsanalyse
DSY rechnerunterstützte Schaltungsanalyse
schaltungsanalytische Computeranwendung
schaltungsanalytische Rechneranwendung

circuit bistability
BT circuit stability
PT stability
RT optical bistability
DEU Schaltkreisbistabilität
DSY Schaltungsbistabilität

circuit breakers
BT switches
switchgear
NT gas blast circuit breakers
oil circuit breakers
residual current devices
vacuum circuit breakers
SY *interrupters, circuit*
RT circuit-breaking arcs
interrupters
protection
relay protection
relays
switching circuits
DEU Leistungsschalter

circuit CAD
BT electronic design automation
network synthesis
NT hardware description languages
SY *computer-aided circuit design*
PT computer-aided circuit design
RT application specific integrated circuits
circuit analysis computing
circuit layout CAD
circuit simulation
design for manufacture
design for testability
high level synthesis
integrated circuit design
SPICE
technology CAD (electronics)
DEU Schaltkreis-CAD
DSY Schaltungs-CAD

circuit cards
USE printed circuits

circuit complexity
BT computational complexity
PT computational complexity
RT minimisation of switching nets
DEU Schaltkreiskomplexität
DSY Schaltungskomplexität

circuit design
USE network synthesis

circuit diagrams
BT diagrams
SY *wiring diagrams*
RT circuit theory
network analysis
network synthesis
networks (circuits)
DEU Schaltbild

circuit feedback
BT feedback
NT feedback amplifiers
feedback oscillators
SY *feedback circuits*
PT feedback
DEU Schaltkreisrückkopplung
DSY Schaltungsrückkopplung

circuit layout
NT circuit layout CAD
integrated circuit layout
printed circuit layout
SY *floorplanning*
RT circuit optimisation
network analysis
network routing
network topology
DEU Schaltkreisentwurf

circuit layout CAD
BT circuit layout
electronic design automation
UF *autorouters / circuit layout CAD + network routing*
SY *compilers (silicon)*
silicon compilers

PT computer-aided circuit design
electronics applications of computers
RT circuit CAD
high level synthesis
integrated circuit design
integrated circuit layout
logic partitioning
network routing
network topology
printed circuit layout
DEU rechnerunterstützter Schaltungsentwurf

circuit noise
BT noise
NT integrated circuit noise
RT circuit oscillations
jitter
networks (circuits)
DEU Schaltkreisrauschen
DSY Schaltungsrauschen

circuit optimisation
BT network synthesis
optimisation
RT circuit layout
integrated circuit design
integrated circuit yield
printed circuit design
sensitivity analysis
tolerance analysis
DEU Schaltkreisoptimierung
DSY Schaltungsoptimierung

circuit oscillations
BT oscillations
RT circuit noise
circuit resonance
circuit stability
networks (circuits)
DEU Schaltkreisoszillation
DSY Schaltungsoszillation

circuit power distribution
USE integrated circuit interconnections
\+ interconnections
\+ printed circuit interconnections

circuit reliability
BT reliability
NT integrated circuit reliability
RT circuit stability
circuit testing
networks (circuits)
quality control
DEU Schaltkreiszuverlässigkeit
DSY Schaltungszuverlässigkeit

circuit resonance
BT resonance
NT ferroresonant circuits
RT circuit oscillations
ferroresonance
networks (circuits)
Q-factor
resonant invertors
resonant power convertors
DEU Schaltkreisresonanz
DSY Schaltungsresonanz

circuit simulation
BT circuit analysis computing
simulation
PT circuit analysis computing
RT circuit CAD
digital simulation
logic simulation
DEU Schaltkreissimulation
DSY Schaltungssimulation

circuit stability
BT stability
NT circuit bistability
PT stability
RT circuit oscillations
circuit reliability
circuit tuning
DEU Schaltungsstabilität

circuit switching
BT time division multiplexing
PT switching networks
switching systems
switching theory
time division multiplexing
RT optical burst switching
switching networks
switching theory
telecommunication switching
DEU Durchschaltevermittlung

circuit synthesis
USE network synthesis

circuit testing
BT electronic equipment testing
NT integrated circuit testing
printed circuit testing
PT electronic equipment testing
RT circuit reliability
logic testing
network analysis
DEU Schaltkreispüfung
DSY Schaltkreistest
Schaltungsprüfung
Schaltungstest

circuit theory
NT linearisation techniques
network analysis
network parameters
network synthesis
network topology
sensitivity analysis
SY *network theory*
RT bond graphs
circuit diagrams
coupled circuits
distributed parameter networks
filters
impedance matching
Laplace transforms
lumped parameter networks
networks (circuits)
time-varying networks
Z transforms
DEU Schaltkreistheorie
DSY Schaltungstheorie

circuit topology
USE network topology

circuit tuning
BT tuning
PT tuning
RT circuit stability
DEU Schaltkreisabgleich
DSY Schaltkreisabstimmung
Schaltkreistuning
Schaltungsabgleich
Schaltungsabstimmung
Schaltungstuning

circuit-breaking arcs
BT arcs (electric)
SY *arcing, switches*
RT circuit breakers
vacuum arcs
DEU Schaltkreisunterbrechungslichtboge
n
DSY Schaltungsunterbrechungslichtboge
n

circuits
USE networks (circuits)

circular aberration
USE aberrations

circular dichroism
BT dichroism
NT magnetic circular dichroism
PT dichroism
DEU Zirkulardichroismus

circular polarisation
USE polarisation

circular polarization
USE polarisation

circular waveguides
BT waveguides
SY *cylindrical waveguides*
PT waveguides
RT coaxial waveguides
dielectric-loaded waveguides
ferrite waveguides
helical waveguides
waveguide polarisers
DEU Kreiswellenleiter
DSY Rundhohlleiter

circulators
BT waveguide components
NT ferrite circulators
microwave circulators
millimetre wave circulators
optical circulators
PT circulators (microwave)
DEU Zirkulator

circulators (microwave)
DEU Zirkulator (Mikrowelle)

circumscription
USE nonmonotonic reasoning

circumstellar matter
UF *biconical nebulae / circumstellar matter + infrared sources (astronomical) + nebulae + stellar winds*
UF *bipolar nebulae / astrophysical jets + circumstellar matter + infrared sources (astronomical) + nebulae + stellar winds*
SY *circumstellar shells*
UF *cocoon stars / circumstellar matter + stars*
UF *extreme C stars / circumstellar matter + giant stars + infrared sources (astronomical)*
UF *Of ring nebulae / circumstellar matter + nebulae + stars + stellar winds*
UF *planetesimals / circumstellar matter + extrasolar planetary formation + planets + solar nebula*
UF *protoplanetary disks / circumstellar matter + extrasolar planetary formation*
UF *Wolf-Rayet ring nebulae /*

circumstellar matter + nebulae + stellar winds + Wolf-Rayet stars
PT circumstellar shells
RT accretion disks
cosmic dust
extrasolar planetary formation
stars
stellar atmospheres
stellar winds
DEU Sternenumgebungsmaterie
DSY Zirkumstellarmaterie

circumstellar shells
USE circumstellar matter

cirrus clouds
USE clouds

citation analysis
BT information analysis
PT information analysis
DEU Zitieranalyse
DSY Zitierungsanalyse

civil engineering computing
BT civil engineering
engineering computing
NT architectural CAD
structural engineering computing
PT engineering applications of computers
RT town and country planning
traffic engineering computing
DEU bauwirtschaftliche Computeranwendung
DSY bauwirtschaftliche Rechneranwendung
Computeranwendung im Bauwesen
Rechneranwendung im Bauwesen

civil engineering
BT engineering
NT airports (structures)
bridges (structures)
buildings (structures)
civil engineering computing
geotechnical engineering
geotechnical structures
sanitary engineering
structural engineering
SY *constructional engineering*
RT architecture
building services
building standards
construction
construction industry
cranes
excavators
Fotovoltaikbuilding
mining
road building
stress analysis
transportation
water supply
waterproofing
DEU Bauingenieurwesen
DSY Bauwesen

CKM matrix
USE CP invariance
\+ electroweak theories

Cl (chemical element)
USE chlorine
DEU Cl (chemisches Element)

Cl (chemisches Element)
DEU for Cl (chemical element)

cladding techniques
BT coating techniques
NT optical fibre cladding
PT coating techniques
RT claddings
DEU Verkleidungsmethode
DSY Verkleidungstechnik

claddings
BT coatings
NT fission reactor fuel claddings
optical fibre cladding
PT films
nuclear reactor materials
RT cladding techniques
laminates
protective coatings
DEU Verkleidung

clamping
USE clamps

clamps
BT work-holding devices
SY *clamping*
RT machine tools
machining
vices
DEU Klammer
DSY Schraubzwinge

class libraries
USE software libraries

classical Cepheids
USE variable stars

classical field theory
SY *field theory, classical*
RT classical mechanics
electromagnetism
gravitation
physics fundamentals
quantum field theory
special relativity
DEU klassische Feldtheorie

classical mechanics
BT mechanics
NT continuum mechanics
N-body problems
PT mechanics
RT angular momentum theory
classical field theory
harmonic oscillators
quantum theory
statistical mechanics
DEU klassische Mechanik
DSY Mechanik (klassisch)

classical mechanics of continuous media
USE continuum mechanics

classification
BT information analysis
RT ontologies (artificial intelligence)
DEU Klassifikation

classification, image
USE image classification

classification, pattern
USE pattern classification

classifiers (pattern recognition)
USE pattern classification

clathrates
USE organic compounds

clay
BT materials
RT ceramics
refractories
rocks
soil
DEU Lehm (Erde)
DSY Ton (Lehm)
Tonerde

clean rooms
BT integrated circuit technology
semiconductor technology
PT integrated circuit technology
semiconductor technology
RT assembling
environmental engineering
indoor environment
industrial robots
integrated circuit manufacture
semiconductor device manufacture
DEU Reinraum

cleaning
NT decontamination
laundering
surface cleaning
UF *windscreen wipers / automotive components + cleaning + optical windows + windows (construction)*
UF *windshield wipers / automotive components + cleaning + optical windows + windows (construction)*
PT surface cleaning
RT air cleaners
purification
refining
sandblasting
sterilisation (microbiological)
DEU Reinigen
DSY Reinigung

cleanliness
USE hygiene

clearing houses
USE bank data processing

cleavage fracture
USE brittle fracture

cleaved coupled cavity lasers
USE semiconductor lasers

Clebsch-Gordan coefficients
BT group theory
quantum theory
SY *Wigner coefficients*
PT group theory
quantum theory
RT elementary particle theory
DEU Clebsch-Gordan-Koeffizient

Clebsch-Gordan-Koeffizient
DEU for Clebsch-Gordan coefficients

client-server systems
BT distributed processing
NT middleware
PT distributed processing
RT distributed object management
local area networks
network servers
remote procedure calls
video servers
Web services
DEU physikalischer Server

climate intervention
USE climate mitigation

climate mitigation
NT carbon capture and storage
SY *climate intervention*
climate policies
UF *Kyoto protocol / air pollution control + climate mitigation + environmental legislation + government policies*
PT climatology
RT air pollution control
climatology
environmental factors
environmental legislation
global warming
DEU Abschwächung des Klimawandels
DSY Klimaschutz

climate policies
USE climate mitigation

climatology
BT terrestrial atmosphere
NT global warming
proxy records (geophysical)
UF *greenhouse effect / air pollution + atmospheric temperature + climatology*
PT meteorology
RT climate mitigation
geophysical catastrophes
geophysics
glaciology
meteorology
monsoons
phenology
DEU Klimatologie

climb, dislocation
USE dislocation climb

clinical equipment
USE biomedical equipment
DEU Krankenmobiliar

clinical measurement
USE biomedical measurement

clipping circuits
USE limiters

cloaking
USE invisibility cloaks

clock and data recovery circuits
BT networks (circuits)
SY *CDR circuits*
RT clocks
CMOS integrated circuits
phase detectors
phase locked loops
synchronisation
DEU Takt- und Datensicherungssystem
DSY Takt- und Datenwiederherstellungssystem

clock distribution networks
BT networks (circuits)
PT clocks
RT clocks
integrated circuit design
VLSI
DEU Taktverteilungsnetz

clock paradox
USE special relativity

clock recovery
USE synchronisation

clock synchronisation
USE synchronisation

clocks
BT instruments
NT atomic clocks
chronometers
watches
RT clock and data recovery circuits
clock distribution networks
time measurement
timing
DEU Uhr (allgemein)
DSY Zeitmesser

Clos networks
USE multistage interconnection networks

closed circuit television
BT television
SY *CCTV*
PT television systems
RT teleconferencing
television equipment
video signals
video surveillance
DEU Fernsehüberwachung
DSY geschlossenes Fernsehsystem

closed loop control systems
USE closed loop systems

closed loop systems
BT control systems
SY *closed loop control systems*
negative feedback control systems
RT feedback
open loop systems
DEU Regelungssystem

clothing
BT consumer products
NT protective clothing
sportswear
SY *garments*
RT clothing industry
fabrics
footwear
wool
DEU Bekleidung

clothing industry
BT manufacturing industries
SY *garment industry*
hosiery industry
knitwear industry
PT textile industry
RT clothing
footwear industry
knitting machines
sewing machines
textile industry
DEU Bekleidungsindustrie

cloud chambers
BT particle track visualisation
position sensitive particle detectors
SY *expansion chambers*
Wilson cloud chambers
DEU Nebelkammer

cloud computing
BT Internet
SY *IaaS*
infrastructure as a service
on-demand software
PaaS
platform as a service
SaaS
software as a service
software on-demand
RT Big Data
business data processing
data protection
file servers
Internet of Things
service-oriented architecture
virtualisation
volunteer computing
Web services
DEU Cloud-Computing

Cloud-Computing
DEU for cloud computing

clouds
BT terrestrial atmosphere
SY *cirrus clouds*
cumulus clouds
UF *seeding (clouds) / atmospheric precipitation + clouds + weather modification*
SY *stratus clouds*
RT atmospheric electricity
atmospheric precipitation
fog
nucleation
thunderstorms
DEU Wolken

clouds, noctilucent
USE noctilucent clouds

Clusius-Dickel columns
USE isotope separation

cluster analysis
USE pattern clustering
\+ statistical analysis

cluster approximation
RT localised states
DEU Cluster-Approximation

cluster computing
USE workstation clusters

cluster emission model
BT multiperipheral models
SY *space time model*
PT multiperipheral models
DEU Clusteremissionsmodell

cluster model (nuclear)
USE nuclear cluster model

cluster processing
USE cluster tools

cluster tools
SY *cluster processing*
PT integrated circuit manufacture
integrated circuit technology
semiconductor technology
RT integrated circuit manufacture
integrated circuit technology
semiconductor technology
DEU Cluster-Werkzeug

Cluster-Approximation
DEU for cluster approximation

Cluster-Werkzeug
DEU for cluster tools

Clusteremissionsmodell
DEU for cluster emission model

clustering, impurity
USE segregation

clustering, pattern
USE pattern clustering

clustering, solute
USE segregation

clusters of galaxies
UF *cooling flows, intergalactic / clusters of galaxies + intergalactic matter*
SY *galaxy clusters*
UF *large scale structure (cosmological) / clusters of galaxies + cosmology*
SY *Local Group*
PT galaxies
RT astronomy
galaxies
intergalactic matter
N-body simulations (astronomical)
DEU Galaxiencluster
DSY Galaxienhaufen

clusters, atomic
USE atomic clusters

clusters, globular (stellar)
USE globular star clusters

clusters, metal
USE metal clusters

clusters, molecular
USE molecular clusters

clusters, stellar
USE star clusters

clutches
BT mechanical products
SY *magnetic clutches*
RT brakes
braking
drives
electric drives
magnetic devices
nonelectric final control devices
power transmission (mechanical)
torque convertors
variable speed gear
DEU Schaltkupplung

clutter
BT echo
NT radar clutter
RT jamming
television interference
DEU Störung (Fehlecho)

Clutter (Radar)
DEU for radar clutter

Cm (chemical element)
USE curium
DEU Cm (chemisches Element)

Cm (chemisches Element)
DEU for Cm (chemical element)

CMAC
USE cerebellar model arithmetic computers

CML
USE current-mode logic

CMM
USE coordinate measuring machines

CMOS analogue integrated circuits
BT CMOS integrated circuits
MOS analogue integrated circuits
SY *linear CMOS circuits*
PT analogue processing circuits
CMOS integrated circuits
linear integrated circuits
RT analogue processing circuits
analogue storage
neural chips
DEU analoge integrierte CMOS-Schaltung
DSY analoger integrierter CMOS-Schaltkreis

CMOS digital integrated circuits
BT CMOS integrated circuits
MOS digital integrated circuits
NT CMOS logic circuits
CMOS memory circuits
PT CMOS integrated circuits
digital integrated circuits
RT application specific integrated circuits
microprocessor chips
DEU integrierte digitale CMOS-Schaltung
DSY integrierter digitaler CMOS-Schaltkreis

CMOS image sensors
BT CMOS integrated circuits
image sensors
PT CMOS integrated circuits
image sensors
RT CCD image sensors
computer vision
digital photography
image capture
image processing equipment
DEU CMOS-Bildsensor

CMOS integrated circuits
BT MOS integrated circuits
NT CMOS analogue integrated circuits
CMOS digital integrated circuits
CMOS image sensors
SY *complementary metal-oxide-semiconductor integrated circuits*
HCMOS
M²CMOS
P²CMOS
PT field effect integrated circuits
RT BiCMOS integrated circuits
charge pump circuits
clock and data recovery circuits
high-speed integrated circuits
MOSFET
signal conditioning circuits
DEU integrierte CMOS-Schaltung
DSY integrierter CMOS-Schaltkreis

CMOS logic circuits
BT CMOS digital integrated circuits
MOS logic circuits
PT CMOS integrated circuits
integrated logic circuits
RT application specific integrated circuits
DEU CMOS-Logikschaltkreis
DSY CMOS-Logikschaltung
Logik-CMOS-Schaltkreis
Logik-CMOS-Schaltung

CMOS memory circuits
BT CMOS digital integrated circuits
MOS memory circuits
PT CMOS integrated circuits
DRAM chips
integrated memory circuits
SRAM chips
RT DRAM chips
SRAM chips
DEU CMOS-Speicherschaltkreis
DSY CMOS-Speicherschaltung

CMOS-Bildsensor
DEU for CMOS image sensors

CMOS-Logikschaltkreis
DEU for CMOS logic circuits

CMOS-Logikschaltung
DUS für CMOS logic circuits

CMOS-Speicherschaltkreis
DEU for CMOS memory circuits

CMOS-Speicherschaltung
DUS für CMOS memory circuits

CMP
USE chemical mechanical polishing

CMR
USE colossal magnetoresistance

Cn (chemical element)
USE copernicium
DEU Cn (chemisches Element)

Cn (chemisches Element)
DEU for Cn (chemical element)

CN strong stars
USE giant stars

CN weak stars
USE giant stars

CNC
USE computerised numerical control

CNC-Steuerung
DEU for computerised numerical control

CNDO calculations
BT NDO calculations
SY *complete neglect of differential overlap calculations*
RCNDO calculations
PT molecular orbitals calculations
orbital calculation methods
DEU CNDO-Berechnung
DSY CNDO-Kalkulation

CNDO-Berechnung
DEU for CNDO calculations

CNDO-Kalkulation
DUS für CNDO calculations

CNFET
USE carbon nanotube field effect transistors

Co (chemisches element)
USE cobalt

Co stars
USE chemically peculiar stars
\+ variable stars

CO2 sequestration
USE carbon capture and storage

coagulation
BT aggregation
PT precipitation (physical chemistry)
RT colloids
DEU Koagulation

coal
BT fossil fuels
materials
SY *anthracite*
UF *coal industry / coal + fuel processing industries + mining industry*
UF *mines (coal) / coal + minerals + mining + mining industry*
UF *pulverised coal / coal + pulverised fuels*
UF *pulverized coal / coal + pulverised fuels*
RT coal ash
coal gasification
coke
flotation (process)
fuel desulphurisation
mining
pulverised fuels
rocks
DEU Kohle

coal ash
BT ash
RT coal
fuel processing industries
DEU Kohlenasche

coal gas
USE fossil fuels
\+ syngas

coal gasification
BT fuel gasification
PT coal
RT coal
coal tar
energy resources
fuel
power plants
power stations
syngas
DEU Kohlevergasung

coal industry
USE coal
\+ fuel processing industries
\+ mining industry

coal tar
BT organic compounds
PT organic compounds
RT bitumen
coal gasification
coke
DEU Steinkohlenteer

coating techniques
NT anodisation
cladding techniques
dip coating
electrodeposition
electroless deposition
electrophoretic coating techniques
epitaxial growth
hot dipping
painting

sizing (materials processing)
spin coating
spray coating techniques
UF *deposition techniques / coating techniques* + *liquid phase deposition* + *vapour deposition*
RT coatings
encapsulation
films
liquid phase deposition
metallisation
vapour deposition
waterproofing
DEU Beschichten
DSY Beschichtungsmethode
Beschichtungstechnik
Beschichtungsverfahren

coatings
NT anodised layers
antireflection coatings
claddings
decorative coatings
epitaxial layers
glazes
insulating coatings
lacquers
liquid phase deposited coatings
protective coatings
spray coatings
vapour deposited coatings
varnish
PT coating techniques
films
protective coatings
thin films
RT coating techniques
films
thin films
DEU Beschichtung
DSY Beschichtungsstoff

coatings, protective
USE protective coatings

coaxial aperture antennas
USE aperture antennas

coaxial cables
BT cables (electric)
SY *coaxial lines*
RT baluns
cable television
coaxial waveguides
community antenna television
hybrid fibre coax networks
telephone lines
waveguides
DEU Koaxialkabel

coaxial lines
USE coaxial cables

coaxial waveguides
BT waveguides
RT circular waveguides
coaxial cables
DEU Koaxialwellenleiter

COB
USE chip-on-board packaging

cobalt
BT transition metals
SY *Co (chemisches element)*
RT cobalt alloys
cobalt compounds
DEU Cobalt

cobalt alloys
BT transition metal alloys
UF *alnico alloys / aluminium alloys* + *cobalt alloys* + *iron alloys* + *nickel alloys*
PT cobalt compounds
RT cobalt
cobalt compounds
DEU Cobaltlegierung

cobalt compounds
BT transition metal compounds
RT cobalt
cobalt alloys
DEU Cobaltverbindung

cobalt stars
USE chemically peculiar stars
\+ variable stars

Cobaltlegierung
DEU for cobalt alloys

Cobaltverbindung
DEU for cobalt compounds

Cobalt
DEU for cobalt

COBOL
BT high level languages
RT COBOL listings
DEU COBOL (Programmiersprache)

COBOL (Programmiersprache)
DEU for COBOL

COBOL listings
BT complete computer programs
PT complete computer programs
RT COBOL
DEU COBOL-Programm

COBOL-Programm
DEU for COBOL listings

cochannel interference
BT interference (signal)
radiofrequency interference
PT interference (signal)
radiofrequency interference
RT fading
interference suppression
mobile radio
phase shift keying
telecommunication channels
DEU Kokanalinterferenz
DSY Nebenkanalinterferenz

cochlea
USE ear

cochlear implants
BT hearing aids
prosthetics
PT hearing aids
prosthetics
DEU Cochlearimplantat

Cochlearimplantat
DEU for cochlear implants

Cockcroft Walton rectifiers
USE voltage multipliers

cockpit displays
USE aircraft displays

cocoon stars
USE circumstellar matter
\+ stars

Code
DEU for codes

code converters
USE code convertors

code convertors
BT convertors
SY *code converters*
RT codes
information theory
telecommunication
DEU Code-Konverter

code division multiple access
BT access protocols
multi-access systems
SY *CDMA*
UF *direct sequence code division multiple access / code division multiple access + spread spectrum communication*
UF *direct sequence spread spectrum communication / code division multiple access + spread spectrum communication*
UF *DS-CDMA / code division multiple access + spread spectrum communication*
UF *DS-SS communication / code division multiple access + spread spectrum communication*
UF *frequency hop spread spectrum communication / code division multiple access + frequency hop communication + spread spectrum communication*
PT multi-access systems
RT 3G mobile communication
4G mobile communication
channel estimation
code division multiplexing
Gold codes
Hadamard codes
mobile radio
multiuser detection
orthogonal codes
software radio
spread spectrum communication
DEU CDMA (Code Division Multiple Access)

code division multiplexing
BT multiplexing
SY *OCDM*
optical code division multiplexing
PT code division multiple access
multiplexing
RT cellular radio
code division multiple access
codes
optical fibre communication
spread spectrum communication
DEU Codemultiplex

code excited linear prediction
USE linear predictive coding

code generation
USE program compilers

Code mit zyklischer Redundanzprüfung
DEU for cyclic redundancy check codes

code standards
BT standards
RT codes
data handling
standardisation
DEU Code-Norm
DSY Code-Standard

Code variabler Länge
DEU for variable length codes

Code-Konverter
DEU for code convertors

Code-Norm
DEU for code standards

Code-Standard
DUS für code standards

Codec
DEU for codecs

codecs
BT telecommunication equipment
NT speech codecs
video codecs
SY *coder-decoders*
PT telecommunication equipment
RT analogue-digital conversion
decoding
digital communication
encoding (general)
pulse code modulation
speech coding
DEU Codec

coded modulation
USE modulation coding

coded orthogonal frequency division multiplexing
USE OFDM modulation

Codemultiplex
DEU for code division multiplexing

coder-decoders
USE codecs

codes
BT encoding (general)
NT adaptive codes
algebraic codes
arithmetic codes
bar codes
BCH codes
binary codes
block codes
concatenated codes
convolutional codes
cyclic codes
cyclic redundancy check codes
dual codes
entropy codes
error correction codes
error detection codes
geometric codes
Golay codes
Goppa codes
Gray codes
group codes
Hadamard codes
Hamming codes
Huffman codes
interleaved codes
linear codes
nonlinear codes
orthogonal codes
parity check codes
product codes
pseudonoise codes
random codes
Reed-Muller codes
Reed-Solomon codes
residue codes
runlength codes
sequential codes
space-time codes
ternary codes
tree codes
trellis codes
turbo codes
variable length codes
variable rate codes
RT binary sequences
code convertors
code division multiplexing
code standards
cryptographic protocols
cryptography
data handling
data privacy
phase coding
private key cryptography
public key cryptography
DEU Code

Codierung (allgemein)
DEU for encoding (general)

Codierung mit linearer Prädiktion
DEU for linear predictive coding

Codierungsfehler
DEU for coding errors

coding
USE encoding (general)

coding errors
BT encoding (general)
errors
RT error correction
error correction codes
error detection
error detection codes
DEU Codierungsfehler

coding/decoding
USE decoding
+ encoding (general)

coefficient of thermal expansion
USE thermal expansion

coercive field (ferroelectrics)
USE ferroelectric coercive field

coercive field (magnetics)
USE coercive force

coercive force
BT magnetic forces
magnetisation
SY *coercive field (magnetics)*
coercivity
PT ferromagnetic properties of substances
RT force
magnetic hysteresis
micromagnetics
remanence
DEU Koerzitivfeldstärke

coercivity
USE coercive force

coexistent superconductors
USE magnetic superconductors

COFDM
USE OFDM modulation

cogeneration
BT electric power generation
SY *CHP generation*
combined heat and power generation
PT district heating
electric power generation
space heating
RT district heating
exergy
industrial power systems
power stations
space heating
thermal power stations
trigeneration
waste-to-energy power plants
DEU Kraft-Wärme-Kopplung

cognition
BT behavioural sciences
UF *reasoning / cognition* + *cognitive systems* + *inference mechanisms* + *planning (artificial intelligence)*
RT brain
cognitive systems
neurophysiology
psychology
DEU Wahrnehmung

cognitive radio
BT radiocommunication
RT cooperative communication
radio spectrum management
software radio
DEU kognitiver Funk

cognitive systems
BT adaptive systems
artificial intelligence
learning systems
UF *reasoning / cognition* + *cognitive systems* + *inference mechanisms* + *planning (artificial intelligence)*
RT adaptive control
automata theory
cognition
cybernetics
self-adjusting systems
DEU kognitives System

coherence
NT light coherence
RT electromagnetic waves
masers
DEU Kohärenz (Linguistik)
DSY Kohärenz (Metallurgie)
Kohärenz (Physik)
Kohärenz (Psychologie)
Kohärenz (Signalanalyse)

coherence distance
USE coherence length

coherence length
BT superconductivity
SY *coherence distance*
PT nonequilibrium properties of superconductors
superconducting materials
DEU Kohärenzlänge

coherence pumping
USE optical double resonance
\+ optical pumping

coherent accelerators
USE collective accelerators

coherent antiStokes Raman scattering
BT stimulated Raman scattering
SY *BOXCARS*
CARS
PT stimulated Raman scattering
DEU kohärente antiStokes-Raman-Streuung

coherent optical transients
USE optical coherent transients

coherent population oscillation
USE optical saturable absorption

coherent potential approximation
USE CPA calculations

cohesive energy
USE binding energy

coilguns
USE electromagnetic launchers

coils
NT solenoids
superconducting coils
SY *electric coils*
RT cores
electromagnets
inductance
inductors
magnetic circuits
saturable core reactors
transformers
windings
DEU Bandstahlrolle
DSY Drahtrolle
Spule
Stahldrahtrolle

coin operated equipment
BT machinery
NT vending machines
RT entertainment
laundering
metering
telephone equipment
DEU geldbetriebene Maschine

coincidence circuits
BT pulse circuits
RT coincidence techniques
counters
counting circuits
synchronisation
DEU Koinzidenzschaltung

coincidence techniques
BT radiation detection
RT coincidence circuits
particle detectors
DEU Koinzidenzmethode
DSY Koinzidenztechnik

coke
BT fuel
materials
PT coal
RT coal
coal tar
fuel processing industries
DEU Koks

cold dark matter
USE dark matter

cold fusion
BT nuclear fusion
PT nuclear fusion
RT electrochemistry
DEU kalte Kernschmelze

cold rolling
BT cold working
rolling
PT cold working
rolling
DEU Kaltwalzen

cold shortness
USE brittleness

cold storage
BT storage
RT food preservation
refrigeration
thermal energy storage
DEU Kühllager

cold working
BT manufacturing processes
NT cold rolling
RT deformation
metalworking
rolling mills
surface hardening
wire drawing
work hardening
DEU Kaltumformen

cold-cathode tubes
BT electron tubes
NT phototubes
SY *counting tubes*
dekatrons
RT positive column
DEU Kaltkathodenröhre

collaborative filtering
BT information filtering
PT information filtering
RT data mining
e-mail filters
electronic commerce
groupware
information filters
Internet
question answering (information retrieval)
recommender systems
DEU zusammenarbeitende Filterung

collaborative work
USE groupware
DEU Mitarbeit

collagen
USE proteins

collapsars
USE black holes

collections of physical data
SY *data tables*
physical data, collections of
tables (data)
RT astronomical catalogues
DEU Datensammlung
DSY Sammlung physikalischer Daten

collective accelerators
BT linear accelerators
NT plasma accelerators
plasma betatrons
wakefield accelerators
SY *autoresonant accelerators*
coherent accelerators
PT linear accelerators
DEU Gemeinschaftsbeschleuniger
DSY Gruppenbeschleuniger

collective bargaining
USE industrial relations

collective states, nuclear
USE nuclear collective states

colleges
USE educational institutions

colliding beam accelerators
BT particle accelerators
NT linear colliders
muon colliders
PT particle accelerators
RT linear accelerators
storage rings
synchrotrons
DEU Strahlungskollisionsbeschleuniger

collimators
BT instruments
NT optical collimators
SY *multileaf collimators*
RT beam handling equipment
biomedical equipment
dosimetry
gamma-ray apparatus
linear accelerators
radiation therapy
radioisotope imaging
single photon emission computed tomography
X-ray apparatus
DEU Kollimator

collision avoidance
BT path planning
position control
SY *obstacle avoidance*
PT mobile robots
path planning
position control
RT intelligent control
mobile robots
navigation
DEU Kollisionsschutz

collision avoidance, telecommunication
USE telecommunication congestion control

collision complexes
USE quasimolecules

collision processes
NT atomic collisions
electron collisions
impact ionisation
molecular collisions
Penning ionisation
photon collisions
plasma collision processes
positron collisions
surface collisions
UF *beta-ray scattering / beta-ray effects + collision processes + energy loss of particles + particle backscattering + potential scattering + transport processes*
SY *impact phenomena*
UF *ion scattering / collision processes + ion mobility + ion-surface impact*
UF *particle scattering / collision processes + energy loss of particles + particle backscattering + particle beams + potential scattering + radiation effects + transport processes*
SY *Ramsauer effect*
RT charge exchange
chemical reactions
electron capture
elementary particle interactions
intermolecular mechanics
kinetic theory
nuclear reactions and scattering
potential energy surfaces
quantum field theory
quasimolecules
radiation quenching
scattering
DEU Kollision
DSY Stoß (Physik)
Stoß (Prozess)

colloidal crystals
BT colloids
PT colloids
RT crystallisation
DEU kolloidales Kristall

colloids
BT disperse systems
NT colloidal crystals
magnetic fluids
SY *micelle systems*
RT Brownian motion
coagulation
electrophoresis
flocculation
foams
macromolecules
non-Newtonian fluids
soft matter
surfactants
thixotropy
DEU Kolloid

color
USE colour

color blindness
USE colour vision
\+ vision defects

color center lasers
USE colour centre lasers

color centers
USE colour centres

color displays
USE colour displays

color filters
USE optical filters

color image analysis
USE image colour analysis

color model
USE colour model

color perception
USE colour vision

color photography
USE colour photography

color television
USE television

color TV
USE television

color vision
USE colour vision

Colorimeter
DEU for colorimeters

colorimeters
BT optical instruments
RT colorimetry
colour
colour vision

DEU Colorimeter
DSY Farbmessgerät

Colorimetrie
DEU for colorimetry

colorimetry
BT optical variables measurement
RT colorimeters
colour
colour vision
image colour analysis
spectrochemical analysis
spectrophotometry
DEU Colorimetrie
DSY Farbmessung

colossal magnetoresistance
BT enhanced magnetoresistance
SY *CMR*
PT giant magnetoresistance
magnetoresistance
RT exchange interactions (electron)
giant magnetoresistance
magnetic tunnelling
metal-insulator transition
tunnelling magnetoresistance
DEU kolossale Magnetoresistenz
DSY Riesenmagnetowiderstand

colour
BT optical properties
NT colour graphics
image colour analysis
SY *color*
hue
RT brightness
cathodochromism
colorimeters
colorimetry
colour photography
colour vision
dichroism
dispersion (wave)
electrochromism
light
photochromism
photography
pleochroism
spectra (general)
spectrophotometry
DEU Farbe

colour blindness
USE colour vision
\+ vision defects

colour centre lasers
BT solid lasers
SY *A-center lasers*
A-centre lasers
color center lasers
F-center lasers
F-centre lasers
M-center lasers
M-centre lasers
PT solid lasers
RT A-centres
colour centres
F-centres
M-centres
DEU farbzentrierter Laser

colour centres
BT defect states
point defects
NT F-centres
OH-minus-centres
U-centres
V-centres
SY *color centers*
I-centres
RT colour centre lasers
electron traps
paramagnetic resonance
DEU Farbzentrum

colour displays
BT display instrumentation
SY *color displays*
PT colour graphics
colour
RT colour graphics
flexible displays
microdisplays
plasma displays
DEU Farbbildschirm
DSY Farbdisplay

colour filters
USE optical filters

colour graphics
BT colour
computer graphics
PT computer graphics
RT colour displays
image colour analysis
DEU Farbbilddarstellung
DSY Farbgrafik
Farbgraphik

colour image analysis
USE image colour analysis

colour model
BT gauge field theory
quark models
NT quantum chromodynamics
technicolour model
SY *color model*
UF *glueballs / colour model + meson resonances + quark confinement*
UF *gluonia / colour model + meson resonances + quark confinement*
PT composite models of hadrons
quarks
RT gluon-gluon interactions
gluon-gluon scattering
gluons
quark-gluon interactions
quark-gluon plasma
quark-gluon scattering
quarks (elementary particle)
DEU Farbmodell

colour perception
USE colour vision

colour photography
BT photography
SY *color photography*
RT cameras
colour
DEU Farbfotografie
DSY Farbphotographie

colour television
USE television

colour television cameras
USE television cameras

colour television picture tubes
USE television picture tubes

colour television receivers
USE television receivers

colour TV
USE television

colour vision
BT vision
UF *color blindness / colour vision + vision defects*
SY *color perception*
color vision
UF *colour blindness / colour vision + vision defects*
SY *colour perception*
RT colorimeters
colorimetry
colour
DEU Farbsehen
DSY Farbwahrnehmung

columbium
USE niobium

columns (structural)
USE construction components

COM
USE computer output to microfilm

COM (Computer Output Microfiche)
DEU for computer output to microfilm

coma
USE aberrations

comb filters
BT filters
RT digital filters
video signal processing
DEU Kammfilter

combination locks (electronic)
USE digital circuits
\+ safety systems

combination scattering spectra
USE Raman spectra

combinational circuits
BT logic circuits
SY *combinatorial circuits*
PT combinatorial circuits
RT combinational switching
counting circuits
integrated logic circuits
sequential circuits
DEU kombinatorische Schaltung
DSY kombinatorischer Schaltkreis
kombinatorisches Netzwerk
Verknüpfungsschaltung

combinational mathematics
USE combinatorial mathematics

combinational switching
BT switching
SY *combinatorial switching*
PT combinatorial switching
RT combinational circuits
switching theory
DEU Verknüpfungsschalten

combinatorial circuits
USE combinational circuits

combinatorial mathematics
BT mathematics
NT graph theory
travelling salesman problems
SY *combinational mathematics*
UF *matroids / combinatorial mathematics + matrix algebra*
RT information theory
search problems
set theory
topology
DEU Kombinatorik

combinatorial switching
USE combinational switching

combine harvesters
USE agricultural machinery

combined cycle power stations
BT thermal power stations
SY *hybrid turbine cycle power stations*
steam turbine-gas turbine power stations
PT power plants
power stations
RT gas turbines
power plants
steam turbines
DEU Gas- und Dampfturbinenkraftwerk

combined heat and power generation
USE cogeneration

combined source-channel coding
BT channel coding
source coding
SY *joint source-channel coding*
PT channel coding
source coding
RT image coding
telecommunication channels
transform coding
vector quantisation
DEU kombinierte Quellen- und Kanalcodierung

combustion
BT oxidation
NT combustion synthesis
incineration
SY *burning*
RT combustion equipment
detonation
explosions
fires
flames
flammability
fuel gasification
furnaces
heat of combustion
ignition
propellants
reaction kinetics
smoke
soot
wildfires
DEU Verbrennung (Oxydation)

combustion equipment
NT gas appliances
SY *burners*
PT combustion
RT combustion
furnaces
incineration
internal combustion engines
thermal engineering
DEU Verbrennungsausrüstung

combustion synthesis
BT combustion
materials preparation
SY *micropyritic synthesis*
self-propagating high-temperature synthesis
SHS (combustion synthesis)
PT combustion
materials preparation
powder technology
RT ceramics
powder technology
DEU Verbrennungssynthese

cometary globules
USE interstellar matter
\+ supernova remnants

cometary nebulae
USE nebulae
\+ pre-main-sequence stars

cometary nuclei
BT comets
PT comets
DEU Kometenkern

comets
NT cometary nuclei
UF *Oort cloud / comets + solar system*
RT interplanetary matter

Kuiper belt objects
meteorites
meteoroids
planetary remote sensing
DEU Komet

COMFET
USE insulated gate bipolar transistors

command and control systems
BT computerised control
military computing
SY *C² systems*
C³ systems
C³I systems
C⁴I systems
C⁴ISR systems
command, control and communication systems
PT military systems
police
RT military communication
DEU Kommando- und Steuersystem

command languages
USE high level languages

command, control and communication systems
USE command and control systems

commensurate-incommensurate transformations
BT phase transformations
SY *incommensurate-commensurate transformations*
lock-in transition
PT phase transformations
RT charge density waves
displacive transformations
ferroelectric transitions
order-disorder transformations
phasons
polymorphic transformations
solid-state phase transformations
superlattices
DEU gleichförmig-ungleichförmige Phasentransformation

commerce
NT business data processing
international trade
investment
monopoly
oligopoly
profitability
small-to-medium enterprises
trade agreements
UF *auctioning / commerce + electronic commerce*
UF *auctions / commerce + electronic commerce*
SY *business*
UF *entrepreneurship / commerce + innovation management + risk management*
SY *trade*
RT administrative data processing
banking
business communication
business continuity
commercial law
credit transactions
debit transactions
economics
finance
marketing
DEU Handel

commercial law
BT law
RT commerce
consumer protection
industrial property
warranties
DEU Handelsrecht

commissioning
RT computer installation
electrical installation
installation
DEU Kommisionieren
DSY Kommisionierung

commodity trading
BT stock markets
SY *futures trading*
PT commerce
financial data processing
RT financial data processing
DEU ausgeglichener Handel
DSY Handel auf Gegenseitigkeit

Commodore computers
BT digital computers
SY *CBM computers*
PET computers
VIC computers
PT microcomputers
RT microcomputers
DEU Commodore-Computer

Commodore-Computer
DEU for Commodore computers

common channel signalling
USE telecommunication signalling

Common Object Request Broker Architecture
USE distributed object management

common-sense reasoning
BT inference mechanisms
SY *qualitative reasoning*
PT inference mechanisms
DEU verallgemeinerungsfähiges Schlußfolgern

communicating sequential processes
BT process algebra
SY *CSP*
PT formal logic
RT computational complexity
distributed algorithms
DEU Kommunikationsreihenfolgeprozess

communication aids for handicapped
USE handicapped aids

communication cables
USE telecommunication cables

communication channels
USE telecommunication channels

communication complexity
BT computational complexity
SY *message complexity*
PT computational complexity
DEU Kommunikations-Komplexität
DSY Kommunikationskomplexität
Komplexität der Kommunikation

communication congestion control
USE telecommunication congestion control

communication engineering education
USE telecommunication engineering education

communication equipment
USE telecommunication equipment

communication equipment testing
USE telecommunication equipment testing

communication exchanges
USE telecommunication exchanges

communication links
USE telecommunication links

communication network management
USE telecommunication network management

communication network reliability
USE telecommunication network reliability

communication network routing
USE telecommunication network routing

communication networks
USE telecommunication networks

communication overhead lines
USE telecommunication transmission lines

communication overhead transmission lines
USE telecommunication transmission lines

communication power supplies
USE telecommunication power supplies

communication satellites
USE satellite communication

communication services
USE telecommunication services

communication signalling
USE telecommunication signalling

communication standards
USE telecommunication standards

communication terminals
USE telecommunication terminals

communication traffic
USE telecommunication traffic

communication traffic recording
USE telecommunication traffic recording

communication transmission lines
USE telecommunication transmission lines

communications computer control
USE telecommunication control

communications computing
USE telecommunication computing

communications control
USE telecommunication control

community antenna television
BT television
UF *CATV / cable television + community antenna television*
PT television systems
RT antenna feeds
coaxial cables
receiving antennas
telecommunication networks
television equipment
television reception
DEU Gemeinschaftsantennenfernsehen

community planning
USE town and country planning

commutation
RT commutators
switches
switching theory
DEU Stromwendung

commutator motors
BT electric motors
RT commutators
DEU Kommutatormotor
DSY Stromwendermotor

commutators
RT commutation
commutator motors
DC machines
electrical contacts
DEU Kollektor (elektrische Maschine)

compact antenna test range
USE antenna testing

compact disc players
USE Hi-Fi equipment

compact disc storage
USE CD-ROMs

compact discs (audio)
USE audio discs

compact galaxies
USE galaxies

compaction
BT materials handling
UF *waste compaction / compaction + waste reduction*
PT densification
RT densification
waste reduction
DEU Kompaktieren
DSY Verdichten

compandors
BT bandwidth compression
telephone equipment
SY *compressor-expandors*
expandor-compressors
syllabic compandors
RT interference suppression
pulse code modulation
radiotelephony
telephone interference
DEU Kompandierung

company reports
BT publishing
RT competitive intelligence
management accounting
DEU Geschäftsbericht

Compaq computers
BT digital computers
PT microcomputers
RT IBM compatible machines
IBM computers
microcomputers
portable computers
DEU Compaq-Computer

Compaq-Computer
DEU for Compaq computers

comparators (circuits)
BT networks (circuits)
NT current comparators
phase comparators
SY *voltage comparators*
RT analogue-digital conversion
delay circuits
discriminators
multivibrators
pulse circuits
pulse code modulation
telephone lines
DEU Komparator (Vergleichsschaltung)

compasses
BT instruments
RT gyroscopes
magnetic variables measurement
navigation
surveying
DEU Kompass
DSY Kompassanlage

compensation
BT control theory
NT error compensation
motion compensation
SY *temperature compensation*
PT optimal control
RT adaptive control
feedback
optimal control
optimal systems
optimisation
static VAr compensators
DEU Ausgleich
DSY Kompensation

compensation, charge
USE charge compensation

competitive algorithms
BT algorithm theory
PT algorithm theory
RT game theory
DEU Konkurrenzalgorithmus
DSY konkurrierender Algorithmus

competitive intelligence
BT information management
SY *business intelligence*
RT Big Data
company reports
decision support systems
knowledge management
market research
DEU Konkurrenzintelligenz
DSY konkurrierende Intelligenz

competitive learning
USE unsupervised learning

Compiler
DEU for program compilers

compiler generators
BT program compilers
PT program compilers
RT program interpreters
DEU Compilergenerator (Programmiersprachenentwicklung)

Compilergenerator (Programmiersprachenentwicklung)
DEU for compiler generators

compilers (program)
USE program compilers

compilers (silicon)
USE circuit layout CAD

compiling programs
USE program compilers

complementarity
BT physics fundamentals
quantum theory
DEU Komplementarität

complementary metal-oxide-semiconductor integrated circuits
USE CMOS integrated circuits

complete computer programs
BT computer software
NT Ada listings
ALGOL listings
APL listings
assembly language listings
BASIC listings
C listings
COBOL listings
FORTH listings
FORTRAN listings
Java listings
job control language listings
LISP listings
LOGO listings
machine code listings
Modula listings
MUMPS listings
Occam listings
Pascal listings
PL/1 listings
PROLOG listings
Scheme listings
Simula listings
Smalltalk listings
SY *calculator program listings*
computer programs (listings)
computer programs, complete listings
program listings
programs (computer listings)
RT macros
software packages
source code (software)
subroutines
DEU Computerprogramm

complete neglect of differential overlap calculations
USE CNDO calculations

complex angular momentum plane
BT elementary particle theory
NT Pomeranchuk poles
Pomeranchuk trajectories
Regge poles
Regge trajectories
PT elementary particle theory
RT angular momentum theory
elementary particle strong interactions
DEU komplexe Winkelmomentebene

complex networks
NT small-world networks
SY *scale-free networks*
small-scale networks
RT graph theory
lattice theory
network theory (graphs)
DEU komplexes Netzwerk

complex systems
USE large-scale systems

complexity classes
USE computational complexity

compliance constants
USE elastic constants

compliance control
BT mechanical variables control
PT mechanical variables control
RT assembling
force control
industrial manipulators
industrial robots
manipulators
position control
robots
telecontrol
DEU regelgetreue Steuerung
DSY Steuerungsregeln

compliance testing
USE conformance testing

compliant mechanisms
RT elastic deformation
flexible structures
micromechanical devices
DEU Regelmechanismus

Component Object Model
USE distributed object management

component-based software
USE object-oriented programming

composite fermions
BT fermion systems
PT fermion systems
RT Landau levels
quantum Hall effect
two-dimensional electron gas
DEU Fermionenverbund
DSY zusammengesetzte Fermionen

composite hadrons
BT composite particle models
NT bootstrapping
parton model
quark models
SY *composite models of hadrons*
composite models, hadrons
PT composite models of hadrons
DEU Hadron-Verbund
DSY zusammengesetztes Hadron

composite insulating materials
BT composite materials
insulating materials
NT impregnated insulation
RT composite insulators
DEU Isolatorverbundwerkstoff
DSY Isolierwerkstoffkomposit

composite insulators
BT insulators
PT insulators
RT composite insulating materials
insulator contamination
insulator testing
DEU Kompositisolator
DSY Verbundstoffisolator

composite material interfaces
BT composite materials
interface phenomena
NT delamination
PT composite materials
interface phenomena
RT adhesion
fibre reinforced composites
micromechanics
DEU Kompositwerkstoffinterface
DSY Verbundstoffinterface
Verbundwerkstoffinterface

composite materials
BT materials
NT aggregates (materials)
cermets
composite insulating materials
composite material interfaces
composite superconductors
concrete
ecocomposites
eutectic alloys
fibre reinforced composites
filled polymers
glass ceramics
laminates
nanocomposites
organic-inorganic hybrid materials
particle reinforced composites
semiconductor doped glasses
semiconductor doped polymers
PT materials
RT bimetals
bioceramics
fibres
functionally graded materials
inhomogeneous media
intelligent materials
mixtures
DEU Verbundwerkstoff

composite models of elementary particles
USE composite particle models

composite models of hadrons
USE composite hadrons

composite models, hadrons
USE composite hadrons

composite models, particles
USE composite particle models

composite particle models
BT elementary particle interaction models
NT composite hadrons
rishon model
SY *composite models of elementary particles*
composite models, particles
sub-lepton models
sub-quark models
PT composite models of elementary particles
RT elementary particle theory
DEU Partikelverbundmodell
DSY Teilchenverbundmodell
Verbundpartikeltmodell
Verbundteilchentmodell

composite particles
NT alpha-particles
deuterons
tritons
RT nuclei with mass number 1 to 5
DEU Partikelverbund
DSY Teilchenverbund
Verbundpartikel
Verbundteilchen
zusammengesetztes Partikel
zusammengesetztes Teilchen

composite superconductors
BT composite materials
superconducting materials
superconductivity
NT multifilamentary superconductors
PT composite materials
superconducting materials
RT superconducting tapes
type II superconductors
DEU Verbundsupraleiter

composite systems
USE large-scale systems

composition measurement
USE chemical analysis

compound engines
BT engines
RT aerospace engines
internal combustion engines
steam engines
DEU Verbundmotor

compressed air energy storage
BT energy storage
SY *CAES*
PT energy storage
RT compressed air systems
DEU Druckluftenergiespeicher

compressed air systems
BT machinery
UF *air brakes / aerodynamics + brakes + compressed air systems + pneumatic systems*
UF *diving equipment / compressed air systems + underwater equipment*
UF *scuba equipment / compressed air systems + underwater equipment*
RT compressed air energy storage
compressors
machine tools
pneumatic systems
production equipment

DEU Druckluftanlage
DSY Druckluftsystem

compressed sensing
BT signal processing
SY *compressive sampling*
compressive sensing
sparse sampling
PT data compression
RT data compression
image coding
image processing
image reconstruction
image sampling
signal reconstruction
signal sampling
DEU verdichtete Abtastung

compressibility
BT mechanical properties
RT compressible flow
compressive strength
compressors
high-pressure effects
porosity
DEU Kompressibilität

compressible flow
BT flow
PT flow
RT aerodynamics
compressibility
shock waves
subsonic flow
supersonic flow
transonic flow
DEU kompressible Strömung

compression moulding
BT moulding
PT moulding
RT injection moulding
DEU Formpressen

compression, bandwidth
USE bandwidth compression

compressive sampling
USE compressed sensing

compressive sensing
USE compressed sensing

compressive strength
BT mechanical strength
SY *crushing strength*
RT Bauschinger effect
compressibility
compressive testing
DEU Druckfestigkeit

compressive testing
BT materials testing
mechanical testing
PT materials testing
mechanical testing
RT compressive strength
DEU Druckprüfung

compressor-expandors
USE compandors

compressors
BT machinery
SY *air compressors*
air pumps
UF *superchargers / compressors* + *fuel systems*
UF *turbochargers / compressors* + *fuel systems*
RT air
air conditioning
compressed air systems
compressibility
gas turbines
pumps
refrigeration
refrigerators
turbines
turbomachinery
vacuum pumps
DEU Kompressor
DSY Verdichter

Compton effect
NT deeply virtual Compton scattering
SY *Compton profile*
Compton scattering
RT gamma-ray scattering
X-ray scattering
DEU Compton-Effekt

Compton profile
USE Compton effect

Compton scattering
USE Compton effect

Compton-Effekt
DEU for Compton effect

Compton-Getting effect
USE cosmic ray propagation
\+ cosmic ray variations
\+ galactic cosmic rays

compulsators
USE pulsed power supplies

computability
BT algorithm theory
formal logic
SY *halting problem*
satisfiability
solvability
PT computability and decidability
RT computational complexity
decidability
DEU Berechenbarkeit

computation theory
NT algorithm theory
automata theory
biocomputing
computational linguistics
concurrency theory
database theory
formal logic
programming theory
theorem proving
SY *computer metatheory*
RT computer science
computers
multiprocessor interconnection networks
quantum computing
switching theory
DEU Berechenbarkeitstheorie
DSY Berechnungstheorie
Computertheorie
theoretische Informatik

computational complexity
BT algorithm theory
NT circuit complexity
communication complexity
SY *complexity classes*
UF *NP-complete problems / computational complexity + optimisation*
UF *NP-hard problems / computational complexity + optimisation*
SY *space complexity*
time complexity
PT algorithm theory
RT calculus of communicating systems
communicating sequential processes
computability
performance evaluation
search problems
single machine scheduling
DEU Berechnungskomplexität
DSY Rechenkomplexität
rechnerische Komplexität

computational electromagnetics
BT electrical engineering computing
electromagnetism
physics computing
PT electrical engineering computing
electromagnetic field theory
electromagnetism
RT electromagnetic field theory
electromagnetic fields
electromagnetic metamaterials
electromagnetic waves
Maxwell equations
microwave metamaterials
terahertz metamaterials
DEU rechnerischer Elektromagnetismus

computational fluid dynamics
BT fluid dynamics
physics computing
NT lattice Boltzmann methods
SY *CFD*
PT fluid dynamics
physics computing
RT aerospace computing
aerospace simulation
finite volume methods
flow simulation
mechanical engineering computing
DEU numerische Strömungssimulation

computational geometry
BT geometry
NT bin packing
SY *computer-aided geometric design theory*
Voronoi diagrams
RT affine transforms
CAD
computer graphics
computer vision
graph theory
layered manufacturing
mathematical operators
octrees
programming theory
quadtrees
solid modelling
spatial reasoning
splines (mathematics)
surface fitting
temporal reasoning
DEU rechnerische Geometrie

computational linguistics
BT computation theory
NT programming language semantics
SY *linguistics, computational*
mathematical linguistics
pragmatics (programming languages)
statistical linguistics
syntax (programming languages)
RT formal languages
grammars
language translation
linguistics
natural language interfaces
natural language processing
natural languages
question answering (information retrieval)
semantic networks
DEU Computeranwendung in der Linguistik
DSY computergestützte Linguistik
computerunterstützte Linguistik
Rechneranwendung in der Linguistik
rechnergestützte Linguistik
rechnerunterstützte Linguistik

computational physics
DEU computerisierte Physik
DSY computerunterstützte Physik

Computer (allgemein)
DEU for computers

computer aided analysis
BT computer applications
NT analogue simulation
circuit analysis computing
control system analysis computing
digital simulation
electric machine analysis computing
hybrid simulation
power system analysis computing
SY *modeling, computer*
modelling, computer
PT computer applications
RT CAD
DEU computergestützte Analyse
DSY computerunterstützte Analyse
rechnergestützte Analyse
rechnerunterstützte Analyse

computer aided design and drafting
USE CAD

computer aided engineering
BT engineering computing
SY *CAE*
PT CAD/CAM
RT CAD
CAD/CAM
computer aided software engineering
DEU computergestütztes Ingenieurwesen
DSY computerunterstütztes Ingenieurwesen
rechnergestütztes Ingenieurwesen
rechnerunterstütztes Ingenieurwesen

computer aided facilities layout
BT engineering computing
facilities layout
PT engineering computing
RT CAD/CAM
computer aided production planning
concurrent engineering
facility location
DEU computergestützter Anlagenentwurf
DSY computerunterstützter Anlagenentwurf
rechnergestützter Anlagenentwurf
rechnerunterstützter Anlagenentwurf

computer aided geometric design
USE CAD
\+ engineering graphics

computer aided instruction
BT educational computing
NT computer based training
courseware
intelligent tutoring systems
learning management systems
SY *computer aided learning*
UF *educational games (computing) / computer aided instruction* +
computer games
SY *teaching machines*
PT teaching
RT authoring languages
authoring systems
continuing education
control engineering education
distance learning
education

educational robots
electrical engineering education
electronic engineering education
engineering education
interactive video
management education
physics education
power engineering education
question answering (information retrieval)
serious games (computing)
teaching
telecommunication engineering education
DEU computergestützter Unterricht
DSY computerunterstützter Unterricht
rechnergestützter Unterricht
rechnerunterstützter Unterricht

computer aided learning
USE computer aided instruction

computer aided manufacturing
BT manufacturing systems
NT CAD/CAM
SY *CAM*
PT CAD/CAM
manufacturing data processing
production engineering computing
RT computer integrated manufacturing
manufacturing data processing
production engineering computing
DEU computergestützte Fertigung
DSY computerunterstützte Fertigung
rechnergestützte Fertigung
rechnerunterstützte Fertigung

computer aided production planning
BT production engineering computing
production planning
SY *CAPP*
PT engineering computing
RT CAD/CAM
computer aided facilities layout
control engineering computing
production control
DEU computergestützte Fertigungsplanung
DSY computerunterstützte Fertigungsplanung
rechnergestützte Fertigungsplanung
rechnerunterstützte Fertigungsplanung

computer aided software engineering
BT software engineering
SY *CASE*
PT software engineering
software tools
RT computer aided engineering
software maintenance
software tools
DEU computergestützte Software-Entwicklung
DSY computergestützte Softwareentwicklung
computerunterstützte Software-Entwicklung
computerunterstützte Softwareentwicklung
rechnergestützte Software-Entwicklung
rechnerunterstützte Software-Entwicklung

computer algebra
USE process algebra
\+ symbol manipulation

computer animation
BT computer graphics
SY *animation*
PT computer graphics
RT art
cinematography
image morphing
video equipment
DEU Computeranimation
DSY Rechneranimation

computer applications
NT administrative data processing
behavioural sciences computing
CAD
computer aided analysis
computerised control
computerised instrumentation
engineering computing
expert systems
information science
information systems
libraries
mathematics computing
microcomputer applications
microforms
military computing
multimedia systems
natural sciences computing
publishing
social sciences computing
telesoftware
RT humanities

information technology
DEU Computeranwendung
DSY Rechneranwendung

computer architecture
NT memory architecture
neural net architecture
parallel architectures
reconfigurable architectures
reduced instruction set computing
SY *architecture, computer*
UF *branch prediction / computer architecture + program compilers*
SY *computer internal arrangement*
RT computer debugging
computers
configuration management
fifth generation systems
instruction sets
interrupts
logic design
microprogramming
multiprocessor interconnection networks
open systems
DEU Computerarchitektur
DSY Rechnerarchitektur

computer automated measurement and control
USE CAMAC

computer based training
BT computer aided instruction
training
SY *CBT*
PT computer aided instruction
RT learning management systems
DEU computergestütztes Training
DSY computerunterstütztes Training
rechnergestütztes Training
rechnerunterstütztes Training

computer bootstrapping
BT computer operating procedures
systems software
SY *booting up (computers)*
bootstrapping (computers)
PT operating systems (computers)
RT operating systems (computers)
DEU Booten des Computers
DSY Computer hochfahren
Computer starten
Computerbooten
Computerstartverfahren
Starten des Computers

computer bureaux
USE computer facilities

computer centers
USE computer centres

computer centres
BT computer facilities
SY *computer centers*
UF *computer installation management / computer centres + DP management*
SY *computer installations*
data centres
PT computer facilities
RT back-up procedures
software houses
DEU Computerzentrum
DSY Rechenzentrum

computer communications software
BT computer software
NT terminal emulation
UF *CCS / calculus of communicating systems + computer communications software*
PT computer networks
data communication systems
RT computer interfaces
computer networks
data communication
inter-computer links
network operating systems
online front-ends
PACS
telecommunication computing
DEU Computerkommunikationsprogramm
DSY Computerkommunikationssoftware
Rechnerkommunikationsprogramm
Rechnerkommunikationssoftware

computer companies
USE DP industry

computer conferencing
USE teleconferencing

computer crime
BT security of data
SY *hacking (illegal computer access)*
UF *phishing / computer crime + unsolicited e-mail*
SY *piracy, software*
software piracy
PT security of data
RT computer network security
computer viruses
criminal law

data privacy
data protection
digital forensics
e-mail filters
firewalls
fraud
government policies
invasive software
legislation
unsolicited e-mail
DEU Computer-Kriminalität

computer debugging
BT computer maintenance
SY *debugging, computer*
RT computer architecture
computers
program debugging
DEU Computer-Debugging

Computer der 5. Generation
DEU for fifth generation systems

Computer der fünften Generation
DUS für fifth generation systems

computer displays
BT computer peripheral equipment
display instrumentation
SY *monitors (displays)*
UF *VDT / computer displays +*
interactive terminals
SY *VDU*
visual display units
RT auditory displays
cathode-ray tube displays
computer graphic equipment
electroluminescent displays
flat panel displays
gas-discharge displays
helmet mounted displays
liquid crystal displays
touch sensitive screens
DEU Computerbildschirm
DSY Rechnerbildschirm

computer equipment evaluation
USE equipment evaluation

computer equipment selection
USE equipment selection

computer equipment testing
BT electronic equipment testing
PT electronic equipment testing
RT computer peripheral equipment
computer testing
DEU computergestützter
Ausrüstungstest
DSY rechnergestützter Ausrüstungstest

computer evaluation
BT DP management
PT computer selection and evaluation
RT computer purchase
computer rental
computer selection
computer testing
computers
equipment evaluation
equipment selection
performance evaluation
user manuals
DEU Computerbewertung
DSY Rechnerbewertung

computer facilities
BT facilities
NT computer centres
software houses
technical support services
SY *computer bureaux*
service bureaux
RT computers
consultancies
DEU Computeranlage
DSY Rechenanlage

computer forensics
USE digital forensics

Computer für allgemeine Anwendung
DEU for general purpose computers

computer games
BT games of skill
personal computing
NT serious games (computing)
UF *educational games (computing) /*
computer aided instruction +
computer games
SY *game programs*
PT personal computing
RT educational robots
entertainment
hobby computing
home computing
toy manufacturing industry
DEU Computer-Spiel
DSY Computerspiel

computer graphic equipment
BT computer peripheral equipment
NT image scanners
remote consoles
SY *graphic equipment, computer*

RT add-on boards
computer displays
computer graphics
graphics processing units
interactive terminals
large screen displays
light pens
mouse controllers (computers)
three-dimensional displays
video equipment
workstations
DEU Computergrafikausstattung
DSY Computergraphikausstattung
Rechnergrafikausstattung
Rechnergraphikausstattung

computer graphics
NT antialiasing
bit-mapped graphics
business graphics
colour graphics
computer animation
data visualisation
engineering graphics
hidden feature removal
image morphing
natural scenes
realistic images
rendering (computer graphics)
solid modelling
virtual reality
SY *graphics, computer*
UF *texture, graphics / computer graphics* + *image texture*
RT CAD
cartography
computational geometry
computer graphic equipment
computer peripheral equipment
computers
curve fitting
design
fractals
graphical user interfaces
graphics processing units
interactive systems
octrees
quadtrees
ray tracing
shape recognition
simulation
surface fitting
visual programming
DEU Computergrafik
DSY Computergraphik
Rechnergrafik
Rechnergraphik

Computer hochfahren
DUS für computer bootstrapping

computer industry
USE DP industry

computer installation
BT installation
NT computer stationery
storage media
SY *installation, computer*
RT access control
commissioning
computer maintenance
computers
contracts
distributed processing
DP industry
DP management
furniture
security of data
DEU Computerinstallation
DSY Rechnerinstallation

computer installation management
USE computer centres
\+ DP management

computer installations
USE computer centres

computer integrated manufacturing
BT factory automation
SY *CIM*
PT CAD/CAM
manufacturing computer control
manufacturing data processing
RT agile manufacturing
CAD/CAM
computer aided manufacturing
design for manufacture
flexible manufacturing systems
industrial control
integrated manufacturing systems
management information systems
manufacturing data processing
process control
small-to-medium enterprises
virtual manufacturing
DEU computerintegrierte Fertigung
DSY rechnerintegrierte Fertigung

computer interfaces
NT network interfaces
peripheral interfaces
system buses
SY *arbiters (computers)*
controllers (computer peripherals)

interfaces, computer
UF *UART / computer interfaces + data communication equipment*
UF *universal asynchronous receiver/transmitter / computer interfaces + data communication equipment*
SY *user ports*
PT data communication equipment
RT analogue-digital conversion
computer communications software
computer peripheral equipment
computers
data communication equipment
digital-analogue conversion
interrupts
optical information processing
program processors
protocols
DEU Computerschnittstelle
DSY Rechnerschnittstelle

computer internal arrangement
USE computer architecture

computer languages
USE programming languages

computer literacy
BT computer science education
PT computer science education
RT age issues
DEU Computerliteratur
DSY Rechnerliteratur

computer maintenance
BT maintenance engineering
NT computer debugging
PT maintenance engineering
RT computer installation
computer testing
computers
DP management
DEU Computerwartung
DSY Rechnerwartung

computer manufacturers
USE DP industry

computer mediated communication
BT data communication
RT electronic mail
groupware
information resources
Internet
social aspects of automation
telecommunication computing
teleconferencing
DEU Computerkommunikation
DSY Rechnerkommunikation

computer metatheory
USE computation theory

computer network management
BT computer networks
telecommunication network management
PT telecommunication network management
RT computer network security
DiffServ networks
DP management
firewalls
IntServ networks
IP networks
quality of service
storage area networks
DEU Computernetz-Management
DSY Computernetzmanagement
Rechnernetz-Management
Rechnernetzmanagement

computer network performance evaluation
BT computer networks
performance evaluation
PT performance evaluation
RT computer network reliability
DEU Computernetzleistungsbewertung
DSY Rechnernetzleistungsbewertung

computer network reliability
BT computer networks
telecommunication network reliability
PT fault tolerant computing
reliability
RT computer network performance evaluation
fault tolerant computing
DEU Computernetzzuverlässigkeit
DSY Rechnernetzzuverlässigkeit
Zuverlässigkeit des Computernetzes

computer network security
BT computer networks
security of data
telecommunication security
NT firewalls
SY *DDoS attacks*
Denial of Service attacks
Distributed Denial of Service attacks

DoS attacks
RT authorisation
Bring Your Own Device
computer crime
computer network management
cryptography
DP management
Internet
message authentication
trusted computing
DEU Computernetzsicherheit
DSY Rechnernetzsicherheit

computer networks
BT digital systems
distributed processing
telecommunication networks
NT computer network management
computer network performance evaluation
computer network reliability
computer network security
DiffServ networks
extranets
inter-computer links
internetworking
intranets
IntServ networks
local area networks
metropolitan area networks
peer-to-peer computing
token networks
wide area networks
SY *multiple processor systems*
PT communication networks
multiprocessing systems
RT automatic teller machines
computer communications software
cyclic reservation multiple access
data communication
delay tolerant networks
distributed databases
electronic data interchange
file servers
frame relay
home networks
message switching
network analysers
network interfaces
network operating systems
networked control systems
open systems
overlay networks
packet switching
PACS
peripheral interfaces
personal area networks
system buses
telecommunication security
virtual private networks
DEU Computernetz
DSY Rechnernetz

computer operating procedures
NT computer bootstrapping
SY *log-in procedures*
RT batch processing (computers)
computers
DP management
personnel
DEU Computerarbeitsprozedur
DSY Computerarbeitsprozess
Rechnerverarbeitungsprozedur
Rechnerverarbeitungsprozess

computer operator training
USE training

computer output to microfilm
BT computer peripheral equipment
SY *COM*
PT computer peripheral equipment
microforms
RT microforms
DEU COM (Computer Output Microfiche)
DSY Computermikroficheausgabe
Computermikrofilmausgabe
Mikrofilmausgabegerät
Mikrofilmdatenausgabe
rechnergestützte Mikroficheausgabe
rechnergestützte Mikrofilmausgabe
rechnerunterstützte Mikroficheausgabe
rechnerunterstützte Mikrofilmausgabe

computer performance evaluation
USE performance evaluation

computer peripheral equipment
NT add-on boards
computer displays
computer graphic equipment
computer output to microfilm
data communication equipment
data preparation equipment
digital storage
disc drives
image processing equipment
interactive devices
interactive terminals
mark scanning equipment

pattern recognition equipment
plotters
printers
SY *input-output media (computers)*
peripheral equipment (computers)
RT acoustic generators
computer equipment testing
computer graphics
computer interfaces
computers
data communication
device drivers
digital communication
display instrumentation
office products
optical information processing
pattern recognition
speech synthesis
DEU Computerausrüstung
DSY Computerperipheriegerät
Rechnerausrüstung
Rechnerperipheriegerät

computer power supplies
BT power supplies to apparatus
PT power supplies to apparatus
RT power aware computing
power supply circuits
DEU Computerstromversorgung
DSY Rechnerstromversorgung

computer printers
USE printers

computer programming
USE programming

computer programs (listings)
USE complete computer programs

computer programs, complete
USE complete computer programs

computer purchase
BT purchasing
PT computer selection and evaluation
RT computer evaluation
computer rental
computer selection
DP management
DEU Computerkauf
DSY Rechnerkauf

computer rental
BT DP management
rental
PT computer selection and evaluation
RT computer evaluation
computer purchase
computer selection
DEU Computer-Leasing
DSY Computerleasing
Computermiete
Rechner-Leasing
Rechnerleasing
Rechnermiete

computer science
RT computation theory
computer science education
programming
DEU Computerwissenschaften
DSY Informatik

computer science education
BT education
NT computer literacy
UF *programming education / computer science education + programming*
UF *software engineering education / computer science education + software engineering*
PT education
RT computer science
educational robots
LOGO
teaching
DEU computerwissenschaftliche Ausbildung
DSY computerwissenschaftliche Bildung
Informatikausbildung

computer selection
BT DP management
PT computer selection and evaluation
RT computer evaluation
computer purchase
computer rental
computer testing
computers
equipment evaluation
equipment selection
performance evaluation
software selection
user manuals
DEU Computerauswahl
DSY Rechnerauswahl

computer simulation by computers
USE virtual machines

computer software
NT automatic test software
complete computer programs
computer communications software
expert system shells
firmware
integrated software
macros
public domain software
safety-critical software
software packages
software standards
source code (software)
subroutines
systems software
SY *software (computers)*
RT data description
programming
programming languages
programming theory
software engineering
DEU Computersoftware
DSY Computersoftware
Rechnersoftware

Computer starten
DUS für computer bootstrapping

computer stationery
BT computer installation
SY *stationery*
PT computer installation
RT DP management
office products
DEU Computerstillstand
DSY Rechnerstillstand

computer storage devices
USE digital storage

computer subroutines
USE subroutines

computer supported collaborative work
USE groupware
DEU rechnerunterstützte Zusammenarbeit

computer telephony integration
BT telecommunication computing
telephony
SY *CTI*
PT telecommunication computing
telephony
RT automatic telephone systems
business communication
call centres
DEU Computer-Telefon-Integration
DSY Rechner-Telefonie-Integration

computer terminals
USE interactive terminals

computer testing
BT testing
RT computer equipment testing
computer evaluation
computer maintenance
computer selection
computers
logic analysers
performance evaluation
DEU Computertest
DSY Rechnertest

computer viruses
BT invasive software
SY *viruses, computer*
PT computer crime
RT computer crime
legislation
DEU Computervirus
DSY Rechnervirus

computer vision
BT image processing
pattern recognition
NT active vision
robot vision
SY *artificial vision*
machine vision
PT computerised pattern recognition
computerised picture processing
RT affine transforms
automatic optical inspection
CMOS image sensors
computational geometry
gaze tracking
image capture
image motion analysis
image recognition
image sensors
laser ranging
motion estimation
object detection
object recognition
sensor fusion
stereo image processing
tactile sensors
vision
visual servoing
DEU computerunterstütztes Sehen
DSY maschinelles Sehen
rechnerunterstütztes Sehen

computer-aided circuit analysis
USE circuit analysis computing

computer-aided circuit design
USE circuit CAD

computer-aided design
USE CAD

computer-aided facilities management
USE facilities management

computer-aided geometric design theory
USE computational geometry

computer-aided logic design
USE logic CAD

computer-aided tomography
USE computerised tomography

Computer-Computerverbindung
DEU for inter-computer links

Computer-Debugging
DEU for computer debugging

Computer-Gehirn-Interface
DUS für brain-computer interfaces

Computer-Gehirn-Schnittstelle
DUS für brain-computer interfaces

computer-generated holography
BT holography
SY *CGH*
kinoforms
PT computerised picture processing
holography
RT holographic displays
DEU computergenerierte Holografie
DSY computergenerierte Holographie
rechnergenerierte Holografie
rechnergenerierte Holographie

Computer-Hirn-Interface
DUS für brain-computer interfaces

Computer-Hirn-Schnittstelle
DUS für brain-computer interfaces

Computer-Kriminalität
DEU for computer crime

Computer-Leasing
DEU for computer rental

Computer-Spiel
DEU for computer games

Computer-Telefon-Integration
DEU for computer telephony integration

Computeranimation
DEU for computer animation

Computeranlage
DEU for computer facilities

Computeranwendung
DEU for computer applications

Computeranwendung (Datenfluss)
DEU for data flow computing

Computeranwendung beim Militär
DEU for military computing

Computeranwendung für das Hobby
DEU for hobby computing

Computeranwendung für ernste Spiele
DEU for serious games (computing)

Computeranwendung im Bauwesen
DUS für civil engineering computing

Computeranwendung im Bildungswesen
DUS für educational computing

Computeranwendung im Ingenieurwesen
DEU for engineering computing

Computeranwendung im Maschinenbau
DEU for mechanical engineering computing

Computeranwendung im Privatbereich
DEU for home computing

Computeranwendung im Radar
DEU for radar computing

Computeranwendung in den Materialwissenschaften
DEU for materials science computing

Computeranwendung in den Naturwissenschaften
DEU for natural sciences computing

Computeranwendung in den Sozial- und Verhaltenswissenschaften
DEU for social and behavioural sciences computing

Computeranwendung in den Sozialwissenschaften
DEU for social sciences computing

Computeranwendung in den Umweltwissenschaften
DEU for environmental science computing

Computeranwendung in den Verhaltenswissenschaften
DEU for behavioural sciences computing

Computeranwendung in den Werkstoffwissenschaften
DUS für materials science computing

Computeranwendung in der Astronomie
DUS für astronomy computing

Computeranwendung in der Atomenergietechnik
DEU for nuclear engineering computing

Computeranwendung in der Atomtechnik
DUS für nuclear engineering computing

Computeranwendung in der Ausbildung
DUS für educational computing

Computeranwendung in der Baukonstruktion
DUS für structural engineering computing

Computeranwendung in der Bautechnik
DUS für structural engineering computing

Computeranwendung in der Bauwesen
DUS für structural engineering computing

Computeranwendung in der Biologie
DUS für biology computing

Computeranwendung in der Chemie
DUS für chemistry computing

Computeranwendung in der Chemietechnik
DUS für chemical engineering computing

Computeranwendung in der chemischen Technik
DUS für chemical engineering computing

Computeranwendung in der Energienetzanalyse
DEU for power system analysis computing

Computeranwendung in der Energietechnik
DEU for power engineering computing

Computeranwendung in der Fertigungstechnik
DUS für production engineering computing

Computeranwendung in der Geophysik
DEU for geophysics computing

Computeranwendung in der Hochenergiephysik
DEU for high energy physics instrumentation computing

Computeranwendung in der Ingenieurtechnik
DUS für engineering computing

Computeranwendung in der Kernenergietechnik
DUS für nuclear engineering computing

Computeranwendung in der Kerntechnik
DUS für nuclear engineering computing

Computeranwendung in der Linguistik
DEU for computational linguistics

Computeranwendung in der Luft- und Raumfahrt
DEU for aerospace computing

Computeranwendung in der Mathematik
DEU for mathematics computing

Computeranwendung in der Medizin
DEU for medical computing

Computeranwendung in der medizinischen Diagnostik
DEU for medical diagnostic computing

Computeranwendung in der optischen Technik
DEU for optical engineering computing

Computeranwendung in der Physik
DEU for physics computing

Computeranwendung in der Regelungstechnik
DEU for control engineering computing

Computeranwendung in der Schifffahrt
DEU for naval engineering computing

Computeranwendung in der Spektroskopie
DEU for spectroscopy computing

Computeranwendung in der Steuerungs- und Regelungstechnik
DUS für control engineering computing

Computeranwendung in der Steuerungtechnik
DUS für control engineering computing

Computeranwendung in der Stromnetzanalyse
DUS für power system analysis computing

Computeranwendung in der Telekommunikation
DEU for telecommunication computing

Computeranwendung in der Verkehrstechnik
DEU for traffic engineering computing

Computeranwendung in der Wohnungswirtschaft
DEU for real estate data processing

Computeranwendung mit reduziertem Befehlsvorrat
DEU for reduced instruction set computing

Computerarbeitsprozedur
DEU for computer operating procedures

Computerarbeitsprozess
DUS für computer operating procedures

Computerarchitektur
DEU for computer architecture

Computerausrüstung
DEU for computer peripheral equipment

Computerauswahl
DEU for computer selection

Computerbetriebssystem
DUS für operating systems (computers)

Computerbewertung
DEU for computer evaluation

Computerbildschirm
DEU for computer displays

Computerbooten
DUS für computer bootstrapping

computergenerierte Holografie
DEU for computer-generated holography

computergenerierte Holographie
DUS für computer-generated holography

computergestützte Analyse
DEU for computer aided analysis

computergestützte Elektromaschinenanalyse
DEU for electric machine analysis computing

computergestützte Elektronik
DEU for electronic engineering computing

computergestützte Elektrotechnik
DEU for electrical engineering computing

computergestützte Energienetzanalyse
DUS für power system analysis computing

computergestützte Energietechnik
DUS für power engineering computing

computergestützte Fertigung
DEU for computer aided manufacturing

computergestützte Fertigungsplanung
DEU for computer aided production planning

computergestützte Instrumentierung
DEU for computerised instrumentation

computergestützte Linguistik
DUS für computational linguistics

computergestützte Regelung
DEU for computerised control

computergestützte Regelungssystemanalyse
DEU for control system analysis computing

computergestützte Software-Entwicklung
DEU for computer aided software engineering

computergestützte Softwareentwicklung
DUS für computer aided software engineering

computergestützte Spektroskopie
DUS für spectroscopy computing

computergestützte Steuerungssystemanalyse
DUS für control system analysis computing

computergestützte Stromnetzanalyse
DUS für power system analysis computing

computergestützter Anlagenentwurf
DEU for computer aided facilities layout

computergestützter Ausrüstungstest
DEU for computer equipment testing

computergestützter Unterricht
DEU for computer aided instruction

computergestütztes Ingenieurwesen
DEU for computer aided engineering

computergestütztes Reservierunssystem
DEU for reservation computer systems

computergestütztes Training
DEU for computer based training

Computergrafik
DEU for computer graphics

Computergrafikausstattung
DEU for computer graphic equipment

Computergraphik
DUS für computer graphics

Computergraphikausstattung
DUS für computer graphic equipment

Computerinstallation
DEU for computer installation

computerintegrierte Fertigung
DEU for computer integrated manufacturing

computerised conferencing
USE teleconferencing

computerised control
BT computer applications
NT command and control systems
industrial control
intelligent control
power system control
transport control
PT control engineering applications of computers
RT automation
building management systems
chemical engineering computing
computerised instrumentation
control engineering computing
control systems
digital control
electrical engineering computing
fuzzy control
home automation
machine control
machine vector control
mechanical engineering computing
mechatronics
nuclear engineering computing
numerical control
process computers
DEU computergestützte Regelung
DSY computerunterstützte Regelung
rechnergestützte Regelung
rechnerunterstützte Regelung

computerised instrumentation
BT computer applications
instrumentation
NT automatic test equipment
computerised monitoring
computerised tomography
high energy physics
instrumentation computing
spectroscopy computing
virtual instrumentation
PT instrumentation
RT astronomy computing
automatic test software
biology computing
CAMAC
chemical engineering computing
chemistry computing
computerised control
data acquisition
electrical engineering computing
electronic engineering computing

geophysics computing
nuclear engineering computing
physical instrumentation control
physics computing
portable instruments
signal conditioning circuits
DEU computergestützte Instrumentierung
DSY computerunterstützte Instrumentierung
rechnergestützte Instrumentierung
rechnerunterstützte Instrumentierung

computerised monitoring
BT computerised instrumentation
monitoring
SY *monitoring, computerised*
monitoring, computerized
PT computer applications
monitoring
RT condition monitoring
process monitoring
statistical process control
telecommunication traffic recording
telephone traffic recording
DEU Computerüberwachung
DSY Rechnerüberwachung

computerised navigation
BT navigation
transport control
PT computer applications
navigation
RT radio data systems
DEU Computernavigation
DSY Rechnernavigation

computerised numerical control
BT numerical control
SY *CNC*
PT control engineering applications of computers
numerical control
RT machine tool spindles
machining
DEU CNC-Steuerung

computerised pattern recognition
USE pattern recognition

computerised picture processing
USE image processing

computerised process control
USE process control

computerised signal processing
USE signal processing

computerised spectroscopy
USE spectroscopy computing

computerised test equipment
USE automatic test equipment

computerised tomography
BT computerised instrumentation
image processing
tomography
NT emission tomography
SY *computer-aided tomography*
X-ray computerised tomography
UF *X-ray tomography / computerised tomography + X-ray microscopy*
PT computerised instrumentation
scanning radiography
RT acoustic tomography
biomedical MRI
biomedical ultrasonics
densitometry
diagnostic radiography
electric impedance imaging
medical image processing
patient diagnosis
Radon transforms
DEU Computertomografie
DSY Computertomographie
Rechnertomografie
Rechnertomographie

computerisierte Physik
DEU for computational physics

Computerkauf
DEU for computer purchase

Computerkommunikation
DEU for computer mediated communication

Computerkommunikationsprogramm
DEU for computer communications software

Computerkommunikationssoftware
DUS für computer communications software

Computerleasing
DUS für computer rental

Computerliteratur
DEU for computer literacy

Computermiete
DUS für computer rental

Computermikroficheausgabe
DUS für computer output to microfilm

Computermikrofilmausgabe
DUS für computer output to microfilm

Computernavigation
DEU for computerised navigation

Computernetz
DEU for computer networks

Computernetz-Management
DEU for computer network management

Computernetzleistungsbewertung
DEU for computer network performance evaluation

Computernetzmanagement
DUS für computer network management

Computernetzsicherheit
DEU for computer network security

Computernetzzuverlässigkeit
DEU for computer network reliability

Computerperipheriegerät
DUS für computer peripheral equipment

Computerprogramm
DEU for complete computer programs

computers
NT analogue computers
biocomputers
digital computers
hybrid computers
PT analogue computers
digital computers
hybrid computers
RT artificial intelligence
automata theory
calculating apparatus
computation theory
computer architecture
computer debugging
computer evaluation
computer facilities
computer graphics
computer installation
computer interfaces
computer maintenance
computer operating procedures
computer peripheral equipment
computer selection
computer testing
data handling
digital storage
file organisation
logic circuits
logic design
numerical analysis
program processors
programming languages
switching theory
systems engineering
DEU Computer (allgemein)
DSY Rechner (DV)

Computerschnittstelle
DEU for computer interfaces

Computersoftware
DEU for computer software

Computersoftware
DUS für computer software

Computerspiel
DUS für computer games

Computerstart
DUS für bootstrapping

Computerstartverfahren
DUS für computer bootstrapping

Computerstillstand
DEU for computer stationery

Computerstromversorgung
DEU for computer power supplies

Computertest
DEU for computer testing

Computertheorie
DUS für computation theory

Computertomografie
DEU for computerised tomography

Computertomographie
DUS für computerised tomography

Computerüberwachung
DEU for computerised monitoring

computerunterstützte Analyse
DUS für computer aided analysis

computerunterstützte Elektromaschinenanalyse
DUS für electric machine analysis computing

computerunterstützte Elektronik
DUS für electronic engineering computing

computerunterstützte Elektrotechnik
DUS für electrical engineering computing

computerunterstützte Energienetzanalyse
DUS für power system analysis computing

computerunterstützte Energietechnik
DUS für power engineering computing

computerunterstützte Fertigung
DUS für computer aided manufacturing

computerunterstützte Fertigungsplanung
DUS für computer aided production planning

computerunterstützte Instrumentierung
DUS für computerised instrumentation

computerunterstützte Linguistik
DUS für computational linguistics

computerunterstützte Physik
DUS für computational physics

computerunterstützte Regelung
DUS für computerised control

computerunterstützte Regelungssystemanalyse
DUS für control system analysis computing

computerunterstützte Schaltungsanalyse
DEU for circuit analysis computing

computerunterstützte Software-Entwicklung
DUS für computer aided software engineering

computerunterstützte Softwareentwicklung
DUS für computer aided software engineering

computerunterstützte Spektroskopie
DUS für spectroscopy computing

computerunterstützte Steuerungssystemanalyse
DUS für control system analysis computing

computerunterstützte Stromnetzanalyse
DUS für power system analysis computing

computerunterstützter Anlagenentwurf
DUS für computer aided facilities layout

computerunterstützter Unterricht
DUS für computer aided instruction

computerunterstütztes Ingenieurwesen
DUS für computer aided engineering

computerunterstütztes Sehen
DEU for computer vision

computerunterstütztes Training
DUS für computer based training

Computerverlinkung
DUS für inter-computer links

Computervirus
DEU for computer viruses

Computerwartung
DEU for computer maintenance

Computerwendung in der Telekommunikation
DUS für telecommunication computing

Computerwissenschaften
DEU for computer science

computerwissenschaftliche Ausbildung
DEU for computer science education

computerwissenschaftliche Bildung
DUS für computer science education

Computerzeigegerät
DEU for mouse controllers (computers)

Computerzentrum
DEU for computer centres

computing management
USE DP management

comsats
USE satellite communication

concatenated codes
BT codes
PT codes
encoding (general)
error correction codes
RT convolutional codes
decoding
interleaved codes
parity check codes
product codes
Reed-Solomon codes
turbo codes
DEU zusammengefügter Code

concave programming
BT mathematical programming
SY *nonconvex programming*
DEU konkave Programmierung

concentration measurement
USE chemical analysis
\+ chemical variables measurement

concentrators, telecommunications
USE line concentrators

concepts (index language)
USE vocabulary

concrete
BT building materials
chemical products
composite materials
NT reinforced concrete
RT cement industry
cements (building materials)
geopolymers
plasticisers
pressure vessels
ready-mixed materials
DEU Beton

concrete industry
USE cement industry

concurrency (computers)
USE concurrency control
\+ concurrency theory
\+ multiprocessing programs
\+ multiprocessing systems

concurrency control
UF *concurrency (computers) / concurrency control + concurrency theory + multiprocessing programs + multiprocessing systems*
UF *deadlocks (computers) / concurrency control + operating systems (computers) + system recovery*
UF *dining philosophers problem / concurrency control + resource allocation*
PT distributed processing
parallel processing
RT concurrency theory
data integrity
database management systems
distributed databases
distributed processing
multiprocessing programs
multiprocessing systems
parallel processing
parallel programming
protocols
synchronisation
transaction processing
DEU Simultansteuerung

concurrency theory
BT computation theory
UF *concurrency (computers) / concurrency control + concurrency theory + multiprocessing programs + multiprocessing systems*
SY *CRCW*
CREW
EREW
PRAM
RT concurrency control
distributed algorithms
distributed programming
parallel algorithms
parallel programming
process algebra
DEU Konkurrenz-Theorie (Computer)

concurrent engineering
BT engineering
RT CAD
computer aided facilities layout
design engineering
hardware-software codesign
manufacture
product design
product development
production engineering computing
quality function deployment
software engineering
systems engineering
time to market
virtual manufacturing
DEU simultane Entwicklung

condensation
BT liquid-vapour transformations
NT film condensation
RT cooling
distillation
drops
heat transfer
liquefaction
nucleation
DEU Kondensation

condenser ionisation chambers
USE ionisation chambers

condensers (electric)
USE capacitors

condensers (steam plant)
BT steam plants
PT steam plants
DEU Kondensator
(Dampfturbinenkraftwerk)

condition monitoring
BT monitoring
UF *structural health monitoring / condition monitoring* + *structural engineering*
SY *structural monitoring*
PT computerised monitoring
monitoring
RT computerised monitoring
electrical maintenance
fault diagnosis
machine testing
maintenance engineering
process monitoring
vibration control
vibration measurement
DEU Zustandsüberwachung

conditional access
RT authorisation
cable television
cryptography
digital rights management
digital television
digital video broadcasting
direct broadcasting by satellite
television broadcasting
DEU bedingter Zugang
DSY bedingter Zugriff

conditional logic
USE probabilistic logic

conditions of employment
USE employee welfare

Condon Shortley coefficient
USE atomic structure

conductance measurement, electric
USE electric admittance measurement

conductance, electric
USE electric admittance

conducting bodies
BT conductors (electric)
RT conducting materials
electromagnetic wave refraction
electromagnetic wave scattering
DEU leitender Körper

conducting materials
BT materials
NT bimetals
conductive adhesives
electrolytes
RT conducting bodies
conducting polymers
conductors (electric)
eddy currents
electrical conductivity
metals
semiconductor materials
skin effect
synthetic metals
DEU Leiterwerkstoff

conducting polymers
BT polymers
NT polymer electrolytes
SY *conjugated polymers*
PT one-dimensional conductivity
polymers
synthetic metals
RT adhesives

conducting materials
conductive adhesives
electroactive polymer actuators
molecular electronics
one-dimensional conductivity
organic light emitting diodes
proton exchange membrane fuel cells
synthetic metals
DEU leitfähiges Polymer

conduction bands
BT band structure
PT band structure
RT Fermi level
many-valley semiconductors
semiconductor materials
DEU Leitungsband

conduction electron mobility
USE electron mobility

conduction electron spin resonance
USE CESR

Conduction Electron Spin Resonance (CESR)
DUS für CESR

conduction, heat
USE heat conduction

conductive adhesives
BT adhesives
conducting materials
PT adhesives
RT adhesive bonding
conducting polymers
electronics packaging
flip-chip devices
printed circuit manufacture
DEU leitender Klebstoff

conductivity, electrical
USE electrical conductivity

conductivity, ionic
USE ionic conductivity

conductivity, optical
USE optical conductivity

conductivity, thermal
USE thermal conductivity

conductors (electric)
NT bimetals
conducting bodies
overhead line conductors
wires (electric)
SY *electric conductors*
RT busbars
conducting materials
eddy currents
electric connectors
electrical contacts
electrodes
power overhead lines
power transmission
resistors
semiconductors
skin effect
superconducting materials
DEU elektrischer Leiter
DSY Leiter (elektrisch)

conduits, electric
USE electric conduits

cones (shapes)
USE shapes (structures)

configuration interactions
BT energy states
NT PCILO calculations
SY *atomic configuration interactions*
CCCI calculations
CI calculations
configuration overlap
molecular configuration interactions
PT atomic electron correlations
molecular electron correlations
RT atomic structure
coupled cluster calculations
electron correlations
molecular electronic states
orbital calculations
DEU Konfigurationswechselwirkung
DSY Wechselwirkung der Konfiguration

configuration management
BT maintenance engineering
UF *software merging / configuration management + software maintenance*
SY *version control*
PT computer architecture
software engineering
RT CAD
computer architecture
DP management
project support environments

software engineering
software prototyping
DEU Konfigurationsmanagement

configuration overlap
USE configuration interactions

confined flow
BT flow
NT channel flow
pipe flow
SY *flow confinement*
PT flow
RT sloshing
DEU begrenzter Fluss
DSY Grenzströmung

confinement, plasma
USE plasma confinement

conformal antennas
BT antennas
SY *flush mounted antennas*
RT aircraft antennas
microstrip antennas
DEU konformale Antenne

conformal coatings
BT protective coatings
PT protective coatings
RT hybrid integrated circuits
printed circuits
DEU konformale Beschichtung
DSY konformales Beschichten

conformal field theory
BT quantum field theory
UF *superconformal field theory / conformal field theory + supersymmetric field theory*
PT quantum field theory
RT axiomatic field theory
conformal symmetry
gauge field theory
nonlinear field theory
DEU konformale Feldtheorie

conformal mapping
BT mathematics
RT boundary-value problems
coplanar waveguides
elasticity
finite element analysis
stress analysis
waveguide components
waveguide theory
DEU konforme Abbildung

conformal symmetry
BT elementary particle symmetry
PT elementary particle symmetry
RT axiomatic field theory
conformal field theory
lattice theory
string theory
DEU konformale Symmetrie

conformance testing
BT testing
SY *compliance testing*
specification conformance testing
standard conformance testing
PT testing
RT formal verification
high level languages
program compilers
protocols
specification languages
standards
DEU Anpassungsprüfung
DSY Anpassungstest

congestion charging
USE road pricing (tolls)

congestion control, telecommunication
USE telecommunication congestion control

conical antennas
BT antennas
SY *biconical antennas*
RT horn antennas
reflector antennas
DEU konische Antenne

conjugate gradient methods
BT gradient methods
PT iterative methods
RT matrix algebra
DEU Methode des konjugierten Gradienten

conjugated polymers
USE conducting polymers

Connect card
USE debit transactions
\+ plastic cards

connecting
USE joining processes

connection admission control
USE telecommunication congestion control

connectionism
USE neural nets

connectors (electric)
USE electric connectors

consecutive system reliability
BT reliability
SY *k-out-of-n system reliability*
PT reliability theory
reliability
RT redundancy
reliability theory
DEU dauerhafte Systemzuverlässigkeit

conservation laws
SY *R-parity*
RT C invariance
CP invariance
CPT invariance
elementary particle symmetry
elementary particle theory
P invariance
T invariance
DEU Naturschutzrecht
DSY Umweltschutzrecht

consoles, remote
USE remote consoles

constant current modulation
USE amplitude modulation

constant current sources
BT power supply circuits
SY *current sources*
PT power supply circuits
RT power supplies to apparatus
DEU Gleichstromquelle

constants
NT elastic constants
gravitational constant
lattice constants
optical constants
SY *Avogadro's number*
Boltzmann constant
fundamental constants
RT light velocity
measurement
standards
units (measurement)
DEU Konstante

constituent interchange model
USE quark models

constraint handling
BT logic programming
SY *constraint programming*
constraint propagation
PT logic programming
RT constraint theory
DEU erzwungene Behandlung

constraint programming
USE constraint handling

constraint propagation
USE constraint handling

constraint satisfaction problems
BT mathematics
PT constraint theory
operations research
RT constraint theory
operations research
optimisation
search problems
set theory
DEU nebenbedingungserfüllendes Problem

constraint theory
BT mathematics
RT constraint handling
constraint satisfaction problems
dynamic programming
linear programming
nonlinear programming
operations research
optimisation
DEU Nebenbedingungstheorie

constructed wetlands
USE wetlands

construction
NT construction components
Fotovoltaikbuilding
foundations
modular construction
prefabricated construction
road building
SY *erection*
PT building
RT building materials
civil engineering
construction industry
geotechnical engineering
geotechnical structures
quantity surveying

structural engineering
waterproofing
DEU Bau (Konstruktion)
DSY Bau (Struktur)

construction components
BT construction
NT ceilings
doors
floors
prefabricated construction components
roofs
walls
windows (construction)
SY *columns (structural)*
structural members
RT brick
building materials
cantilevers
foundations
honeycomb structures
reinforced concrete
sandwich structures
shapes (structures)
slabs
structural panels
supports
thin wall structures
DEU Bauteil
DSY Bauwerkskomponente
Bauwerksteil

construction equipment
BT production equipment
PT production equipment
RT boring machines
construction industry
cranes
drilling machines
earthmoving equipment
excavators
Fotovoltaikbuilding
hammers (machines)
ladders
mining equipment
road building
tracked vehicles
DEU Bauausrüstung
DSY Baugerät
Baumaschine

construction industry
BT industries
PT building
civil engineering
RT building standards
civil engineering
construction
construction equipment
earthquake engineering
property market
real estate data processing
reinforced concrete
shipbuilding industry
tunnels
DEU Bauindustrie

constructional engineering
USE civil engineering

consultancies
BT management
PT computer facilities
RT computer facilities
DEU Berater
DSY Konsultant

consumer behavior
USE consumer behaviour

consumer behaviour
BT behavioural sciences
marketing
SY *consumer behavior*
RT customer profiles
customer relationship management
market opportunities
organic farming
quality of experience
DEU Verbraucherverhalten

consumer electronics
BT consumer products
electronics industry
PT electronics industry
RT audio equipment
domestic appliances
electronic products
home networks
telecommunication industry
television equipment
video equipment
DEU Konsumelektronik

consumer products
BT manufactured products
NT clothing
consumer electronics
footwear
furniture
RT electrical products
plastic products
watches
DEU Konsumgüter

DSY Konsumprodukt

consumer protection
BT law
protection
RT commercial law
data protection
warranties
DEU Verbraucherschutz

contact (mechanical)
USE mechanical contact

contact angle
BT interface phenomena
surface phenomena
PT interface phenomena
surface tension
wetting
RT capillarity
hydrophilicity
hydrophobicity
surface tension
wetting
DEU Kontaktwinkel

contact binaries
USE eclipsing binary stars

contact centers
USE call centres

contact centres
USE call centres

contact EMF
USE contact potential

contact fatigue
USE fatigue
\+ wear

contact lenses
BT ophthalmic lenses
PT lenses
sensory aids
RT eye
vision defects
DEU Kontaktlinse

contact potential
BT electric potential
SY *contact EMF*
PT electrical contacts
RT bioelectric potentials
contact resistance
electrical contacts
work function
DEU Kontaktspannung

contact resistance
BT electric resistance
PT resistance (electric)
RT contact potential
electrical contacts
DEU Kontaktwiderstand

contact shift
USE spectral line shift

contactors
BT switches
NT vacuum contactors
RT relays
DEU Kontaktgeber
DSY Schalter
Schaltschütz

contactors (chemical)
USE chemical reactors

contacts, electrical
USE electrical contacts

Container
DEU for containers

container terminals
USE sea ports

Containereinsatz
DEU for containerisation

containerisation
BT materials handling
RT containers
cranes
freight containers
loading
unloading
DEU Containereinsatz

containers
BT storage
NT bags
bottles
boxes
bulk storage containers
cans
cartons
freight containers
tanks (containers)
UF *plastic containers / containers + plastic products*
RT containerisation
filling
DEU Container

containment (fission reactors)
USE fission reactor containment

contaminated site remediation
BT environmental factors
radiation decontamination
SY *radioactive waste site remediation*
UF *remediation (environmental) / contaminated site remediation + decontamination + pollution control*
PT radiation decontamination
RT nuclear facility decommissioning
radiation protection
radioactive pollution
DEU Altlastendeponiesanierung
DSY Altlastensanierung
Altlastsanierung
Entgiftung kontaminierte Stellen
Entseuchung kontaminierter Standorte
Sanierung von Altlastdeponien

contamination
NT surface contamination
RT chemical hazards
decontamination
health hazards
impurities
pollution
quality control
toxicology
DEU Kontamination

content management
BT electronic publishing
management
PT document handling
information resources
RT document handling
multimedia computing
semantic Web
Web design
Web sites
DEU Content-Management
DSY Inhalts-Management
Inhaltsbearbeitung
Inhaltsverwaltung

content-addressable storage
BT digital storage
SY *associative storage*
PT associative storage
RT associative processing
memory architecture
neural chips
neural nets
optical neural nets
self-organising storage
DEU Assoziativspeicher

content-based retrieval
BT query processing
PT query processing
RT image processing
image retrieval
video databases
video retrieval
visual databases
DEU kontextbasierte Recherche
DSY kontextbasierte Suche

Content-Management
DEU for content management

context awareness
USE ubiquitous computing

context-free grammars
BT grammars
NT attribute grammars
PT grammars
RT context-free languages
DEU kontextfreie Grammatik

context-free languages
BT formal languages
PT formal languages
RT context-free grammars
DEU kontextfreie Sprache

context-sensitive grammars
BT grammars
PT grammars
RT context-sensitive languages
DEU kontext-sensitive Grammatik

context-sensitive languages
BT formal languages
PT formal languages
RT context-sensitive grammars
DEU kontext-sensitive Sprache

continental crust
USE Earth crust

contingency planning
USE planning

continuing education
BT education
NT continuing professional development
UF *continuing engineering education / continuing education + engineering education*

PT education
RT computer aided instruction
distance learning
educational courses
further education
teaching
training
DEU kontinuierliche Ausbildung
DSY kontinuierliche Bildung
ständige Weitebildung
Weiterbildung

continuing engineering education
USE continuing education
\+ engineering education

continuing professional development
BT continuing education
human resource management
SY *life long learning*
PT continuing education
RT professional aspects
DEU kontinuierliche berufliche Weiterbildung

continuous improvement
BT quality management
SY *Kaizen*
PT quality management
RT production management
DEU Kaizen (jap)
DSY kontinuierlicher Verbesserungsprozess

continuous media
USE continuum mechanics
\+ multimedia systems

continuous phase frequency shift keying
USE continuous phase modulation
\+ frequency shift keying

continuous phase modulation
BT phase modulation
UF *continuous phase frequency shift keying / continuous phase modulation + frequency shift keying*
UF *CPFSK / continuous phase modulation + frequency shift keying*
PT phase modulation
RT demodulators
modulators
DEU kontinuierliche Phasenmodulation

continuous production
BT flow production systems
production control
PT production control
RT process control
production management
DEU Fließbandfertigung

continuous systems
NT continuous time systems
PT continuous time systems
RT control systems
DEU kontinuierliches System

continuous time filters
BT active filters
continuous time systems
PT active filters
DEU zeitkontinuierliches Filter

continuous time systems
BT continuous systems
NT continuous time filters
RT control systems
linear systems
nonlinear control systems
DEU zeitkontinuierliches System

continuous wave radar
USE CW radar

continuously variable slope delta modulation
USE delta modulation

continuously variable transmission
USE power transmission (mechanical)
\+ variable speed gear

continuum hypothesis
USE set theory

continuum mechanics
BT classical mechanics
NT mechanical contact
SY *classical mechanics of continuous media*
UF *continuous media / continuum mechanics + multimedia systems*
PT classical mechanics of continuous media
RT bars
beams (structures)
elasticity
fluid mechanics
plasticity
plates (structures)
rods (structures)

shapes (structures)
shells (structures)
DEU Kontinuitätsmechanik

contours, surface
USE surface topography

contract law
BT law
RT contracts
employment law
warranties
DEU Vertragsrecht

contracts
BT management
NT product liability
subcontracting
warranties
SY *service level agreements*
PT DP management
RT computer installation
contract law
electrical contracting
outsourcing
procurement
tendering
DEU Vertrag

contrast transfer function
USE optical transfer function

control
NT force control
DEU Kontrolle
DSY Regelung
Steuerung

control centres
USE control facilities

control charts
BT charts
SY *cusum charts*
Shewhart charts
RT quality management
statistical process control
DEU Kontrollkarte
DSY Qualitätsregelkarte

control devices, electric
USE electric control equipment

control engineering
BT engineering
NT control engineering computing
control engineering education
RT bond graphs
control facilities
DEU Steuerungs- und
Regelungsverfahren

control engineering computing
BT control engineering
engineering computing
NT control system analysis
computing
control system CAD
PT control engineering applications of
computers
RT computer aided production
planning
computerised control
digital control
direct digital control
educational robots
numerical control
process computers
production engineering computing
DEU Computeranwendung in der
Regelungstechnik
DSY Computeranwendung in der
Steuerungs- und
Regelungstechnik
Computeranwendung in der
Steuerungtechnik
MSR-Computeranwendung
MSR-Rechneranwendung
Rechneranwendung in der
Regelungtechnik
Rechneranwendung in der
Steuerungtechnik

control engineering education
BT control engineering
engineering education
PT control engineering
education
RT computer aided instruction
educational courses
educational robots
teaching
training
DEU regelungstechnische Ausbildung
DSY steuerungstechnische Ausbildung

control equipment
NT actuators
controllers
cryostats
electric control equipment
mechanical control equipment
nonelectric final control devices
relays
telecontrol equipment
thermostats

valves
variable speed gear
RT indicators
level meters
linear systems
manipulators
mechatronics
programmable controllers
recorders
remote consoles
robots
telecontrol
transducers
DEU Steuerungsausrüstung
DSY Steuerungstechnik
Steuerungsvorrichtung

control facilities
BT engineering facilities
SY *control centres*
RT control engineering
management
DEU Regeleinrichtung
DSY Steueranlage
Steuereinrichtung

control gear, electric
USE electric control equipment

control nonlinearities
BT control theory
SY *nonlinearities of control systems*
RT bang-bang control
hysteresis
nonlinear control systems
nonlinear systems
DEU Nichtlinearität (Steuerungstechnik)

control of specific variables
NT acoustic variables control
chemical variables control
electric variables control
frequency control
magnetic variables control
mechanical variables control
optical variables control
spatial variables control
thermal variables control
RT controllers
regulation
DEU Kontrolle spezifischer Größen
DSY Kontrolle spezifischer Variablen
Regelung spezieller Größen
Regelung spezieller Variablen
Spezialgrößensteuerung
Spezialvariablensteuerung
Steuerung spezieller Größen
Steuerung spezieller Variablen
Steuerung und Regelung spezieller Größen
Steuerung und Regelung spezieller Variablen

Control of Substances Hazardous to Health legislation
USE legislation
\+ occupational health
\+ occupational safety

control panels
USE remote consoles

control rooms, radio
USE radio studios

control structures, program
USE program control structures

control system analysis
BT control theory
NT control system analysis computing
UF *my-analysis / control system analysis + singular value decomposition*
RT Bode diagrams
control system synthesis
control systems
correlation methods
describing functions
eigenstructure assignment
frequency response
frequency-domain analysis
invariance
linearisation techniques
Nyquist diagrams
parameter space methods
perturbation techniques
phase space methods
piecewise constant techniques
piecewise linear techniques
piecewise polynomial techniques
pole assignment
poles and zeros
reduced order systems
root loci
sensitivity analysis
state-space methods
step response
time-domain analysis
transfer functions
zero assignment
DEU Regelungsanalyse

control system analysis computing
BT computer aided analysis
control engineering computing
control system analysis
PT computer aided analysis
control engineering applications of computers
DEU computergestützte Regelungssystemanalyse
DSY computergestützte Steuerungssystemanalyse
computerunterstützte Regelungssystemanalyse
computerunterstützte Steuerungssystemanalyse
rechnergestützte Regelungssystemanalyse
rechnergestützte Steuerungssystemanalyse
rechnerunterstützte Regelungssystemanalyse
rechnerunterstützte Steuerungssystemanalyse

control system CAD
BT CAD
control engineering computing
control system synthesis
PT computer-aided design
control engineering applications of computers
DEU Steuersystem-CAD

control system synthesis
BT control theory
NT control system CAD
time-domain synthesis
UF *my-synthesis / control system synthesis + singular value decomposition*
RT Bode diagrams
control system analysis
control systems
correlation methods
describing functions
eigenstructure assignment
frequency response
frequency-domain synthesis
invariance
linear matrix inequalities
linearisation techniques
Nyquist diagrams
parameter space methods
perturbation techniques
phase space methods
piecewise constant techniques
piecewise linear techniques
piecewise polynomial techniques
pole assignment
poles and zeros
reduced order systems
root loci
sensitivity analysis
state-space methods
step response
transfer functions
zero assignment
DEU Regelungssystemsynthese
DSY Steuerungs- und Regelungssystemsynthese
Steuerungssystemsynthese

control systems
NT closed loop systems
delay systems
distributed parameter systems
hierarchical systems
linear systems
medical control systems
memoryless systems
model reference adaptive control systems
multidimensional systems
multivariable control systems
networked control systems
nonlinear control systems
open loop systems
optimal systems
pointing systems
reduced order systems
SCADA systems
singularly perturbed systems
variable structure systems
SY *nondeterministic systems*
RT adaptive systems
computerised control
continuous systems
continuous time systems
control system analysis
control system synthesis
control theory
delay-differential systems
discrete systems
feedforward
identification
large-scale systems
observers
optical control
programmable controllers
regulation
remote consoles
stability
time-varying systems
uncertain systems
DEU Steuerungs- und Regelungssystem

control theory
NT adaptive control
bang-bang control
cascade control
compensation
control nonlinearities
control system analysis
control system synthesis
controllability
fuzzy control
H2-control
infinite horizon
linearisation techniques
observability
on-off control
optimal control
parameter space methods
performance index
periodic control
phase space methods
piecewise linear techniques
predictive control
proportional control
realisation theory
relay control
root loci
sensitivity analysis
state-space methods
three-term control
two-term control
RT control systems
cybernetics
feedback
identification
modelling
nonlinear systems
optical control
Petri nets
stability
DEU Regelungstheorie
DSY Steuerungstheorie

controllability
BT control theory
PT control system analysis
RT observability
reachability analysis
robust control
stability
state-space methods
DEU Regelbarkeit

controller area networks
BT local area networks
SY *CAN*
PT field buses
local area networks
RT field buses
industrial control
on-board communications
DEU CAN (Controller Area Network)

controllers
BT control equipment
NT programmable controllers
servomechanisms
SY *regulators*
stabilisers
stabilizers
RT control of specific variables
cryostats
instruments
microcontrollers
recorders
regulation
thermostats
DEU Regeleinrichtung
DSY Regelvorrichtung
Regler

controllers (computer peripherals)
USE computer interfaces

convection
BT heat transfer
NT Benard convection
forced convection
natural convection
SY *heat convection*
UF *Marangoni flow / convection + surface tension*
UF *Nusselt-Graetz problems / convection + diffusion*
SY *thermal convection*
thermally induced flow
thermohydrodynamics
RT buoyancy
mass transfer
pattern formation
solar chimneys
thermal pollution
DEU Konvektion

convergence
BT mathematics
NT convergence of numerical methods
RT Fourier series
series (mathematics)
DEU Konvergenz

convergence of numerical methods
BT convergence
numerical analysis
NT numerical stability
SY *numerical methods, convergence*
RT finite difference time-domain

analysis
Galerkin method
DEU Konvergenz numerischer Verfahren

conversion electron spectra
BT electron spectra
RT internal conversion
X-ray emission spectra
DEU Konversionselektronenspektrum

converters
USE convertors

convertors
NT code convertors
driver circuits
frequency convertors
image convertors
impedance convertors
invertors
magnetohydrodynamic convertors
phase convertors
power convertors
solar absorber-convertors
voltage-frequency convertors
SY *converters*
magnitude convertors
RT analogue-digital conversion
digital-analogue conversion
direct energy conversion
DEU Konverter

convex programming
BT nonlinear programming
PT mathematical programming
DEU konvexe Programmierung

conveyors
BT materials handling equipment
RT belts
chains
lifts
pulleys
DEU Förderer (Förderanlage)

convolution
BT signal processing
NT acoustic convolution
PT signal processing
RT deconvolution
DEU Faltung
DSY Konvolution

convolutional codes
BT codes
PT codes
error correction codes
RT binary sequences
channel coding
concatenated codes
interleaved codes
sequential codes
turbo codes
DEU Faltungscode

cool subdwarfs
USE dwarf stars

coolant-fuel interactions
BT fission reactor accidents
PT accidents
fission reactor safety
RT explosions
fission reactor coolants
fission reactor cooling
fission reactor fuel
fuel element failure
DEU Kühlmittel-Brennstoff-Wechselwirkung

coolants
BT production materials
NT fission reactor coolants
refrigerants
UF *antifreeze materials / automotive materials* + *coolants*
UF *cutting fluids / coolants* + *cutting* + *lubricants*
RT cooling
DEU Kühlmittel

coolants (fission reactors)
USE fission reactor coolants

cooling
BT heat transfer
NT laser cooling
magnetic cooling
quenching (thermal)
refrigeration
space cooling
supercooling
thermoelectric cooling
undercooling
SY *chilling*
dissipation (heat)
heat dissipation
UF *radiators (automotive) / automotive components* + *cooling*
RT condensation
coolants
cooling towers
electronics packaging
environmental engineering
environmental testing

fans
film condensation
fission reactor coolants
fission reactor cooling
freezing
heat exchangers
heat losses
heat pipes
heat pumps
heat sinks
heating
Joule-Thomson effect
low-temperature production
temperature
thermal engineering
thermal insulation
thermal management (packaging)
total energy systems
ventilation
wetting
DEU Hitzeabfuhr
DSY Kühlen
Kühlung
Wärmeabfuhr

cooling flows, intergalactic
USE clusters of galaxies
+ intergalactic matter

cooling towers
BT heat exchangers
SY *water cooling towers*
RT cooling
water supply
DEU Kühlturm

cooling, splat
USE splat cooling

Cooper Hewitt lamps
USE mercury vapour lamps

Cooper pairing
USE Cooper pairs

Cooper pairs
BT superconductivity
SY *Cooper pairing*
pair breaking, Cooper
PT equilibrium properties of superconductors
superconducting materials
RT BCS theory
Josephson effect
DEU Cooper-Paar

Cooper-Paar
DEU for Cooper pairs

cooperative communication
BT telecommunication
PT radiocommunication
RT ad hoc networks
amplify and forward communication
cognitive radio
decode and forward communication
diversity reception
fading channels
MIMO communication
mobile radio
radio networks
radiocommunication
relay networks (telecommunication)
space-time codes
DEU kooperative Kommunikation

cooperative resonant Stokes radiation
USE fluorescence
+ superradiance

cooperative systems
BT artificial intelligence
NT multi-agent systems
SY *intelligent agent interaction*
PT artificial intelligence
RT multi-robot systems
software agents
swarm intelligence
DEU zusammenwirkendes System

cooperative work
USE groupware
DEU Zusammenarbeit

coordinate measuring machines
BT spatial variables measurement
SY *CMM*
PT spatial variables measurement
RT inspection
machine tools
measurement systems
quality control
surface topography measurement
DEU Koordinatenmessmaschine

coordination complexes
DEU Koordinationskomplex

copernicium
BT transactinides
SY *Cn (chemical element)*
Cp (chemical element)
element 112
ununbium
Uub
PT transactinides
DEU Copernicium

Copernicium
DEU for copernicium

copiers
USE photocopying

coplanar strip lines
USE coplanar waveguides
\+ strip lines

coplanar transmission lines
BT transmission lines
PT transmission line theory
transmission lines
RT coplanar waveguides
strip lines
transmission line theory
DEU Koplanarleitung
DSY Koplanarübertragungsleitung

coplanar waveguide components
BT waveguide components
PT coplanar waveguides
waveguide components
RT coplanar waveguides
microstrip components
microwave filters
MMIC
strip line components
DEU Koplanarwellenleiterkomponente

coplanar waveguides
BT waveguides
UF *coplanar strip lines / coplanar waveguides + strip lines*
SY *CPW*
PT waveguides
RT conformal mapping
coplanar transmission lines
coplanar waveguide components
MMIC
planar waveguides
DEU Koplanarwellenleiter

copolymerisation
USE polymerisation

copolymerization
USE polymerisation

copolymers
USE polymer blends

copper
BT transition metals
SY *Cu (chemisches element)*
RT copper alloys
copper compounds
DEU Kupfer

copper alloys
BT transition metal alloys
NT brass
bronze
UF *Monel / copper alloys + nickel alloys*
RT copper
copper compounds
DEU Kupferlegierung

copper compounds
BT transition metal compounds
RT copper
copper alloys
DEU Kupferverbindung

copper zinc brass alloys
USE brass

copper-oxide rectifiers
USE solid-state rectifiers

coprocessors
BT digital arithmetic
microprocessor chips
satellite computers
NT graphics processing units
UF *add-on computers / coprocessors + satellite computers*
SY *maths coprocessors*
PT satellite computers
RT add-on boards
DEU Coprozessor

Coprozessor
DEU for coprocessors

copy protection
BT security
NT watermarking
SY *anti-forgery devices*
RT copyright
digital rights management
holography
image watermarking

industrial property
patents
security of data
DEU Kopierschutz

copying
USE reproduction (copying)

copyright
BT industrial property
PT industrial property
RT audio watermarking
copy protection
digital rights management
image watermarking
legislation
patents
trademarks
video watermarking
watermarking
DEU Urheberrecht

CORBA
USE distributed object management

Corbino effect
BT magnetoresistance
PT magnetoresistance
RT Hall effect
DEU Corbino-Effekt

Corbino-Effekt
DEU for Corbino effect

CORDIC
USE digital arithmetic
+ signal processing

cordless telephone systems
BT radiotelephony
telephone equipment
SY *CT-2 telephone systems*
DECT
Digital European Cordless Telephone
telepoint systems
PT mobile radio systems
radiotelephony
RT mobile radio
personal communication networks
radio access networks
DEU schnurloses Fernsprechsystem
DSY schnurloses Telefon
schnurloses Telefonsystem

core levels
BT interface states
localised states
surface states
PT interface electron states
localised electron states
surface electron states
RT Auger effect
photoelectron spectra
valence bands
DEU Kernniveau

core stores (magnetic)
USE magnetic core stores

cores
NT magnetic cores
RT coils
electromagnets
losses
magnetic amplifiers
magnetic circuits
magnets
rotors
saturable core reactors
stators
transformer windings
transformers
DEU Kern

Coriolis coupling
USE Coriolis force

Coriolis force
BT force
SY *Coriolis coupling*
RT molecular force constants
rotation
DEU Coriolis-Kraft

Coriolis-Kraft
DEU for Coriolis force

cornea
USE eye

corona
BT surface discharges
RT arcs (electric)
discharges (electric)
electric breakdown
fault currents
flashover
glow discharges
insulation
ionisation
ozone generators
sparks

DEU Korona

coronagraphs
BT astronomical instruments
cameras
optical instruments
PT astronomical instruments
RT solar corona
DEU Koronagraph

coronal streamers
USE solar corona
\+ solar prominences

coronary angiography
USE angiocardiography

corporate acquisitions
BT organisational aspects
SY *mergers*
RT business process re-engineering
DEU gemeinsame Kundenwerbung
DSY Unternehmenskundenwerbung

corporate communication
USE business communication

corporate modeling
USE corporate modelling

corporate modelling
BT financial data processing
management
modelling
SY *corporate modeling*
enterprise modelling
PT financial administrative data processing
management science
RT business process re-engineering
financial management
operations research
planning
small-to-medium enterprises
spreadsheet programs
DEU gemeinsame Modellierung
DSY Unternehmensmodellierung

corporate networking
USE intranets

corporate social responsibility
BT ethical aspects
socio-economic effects
PT ethical aspects
socio-economic effects
RT environmental factors
organisational aspects
public relations
DEU soziale Unternehmensverantwortung
DSY soziale Verantwortung des Unternehmen

corporation tax
USE taxation

correlation methods
NT acoustic correlation
decorrelation
optical correlation
RT control system analysis
control system synthesis
correlation theory
correlators
identification
information theory
m-sequences
optimisation
photon correlation spectroscopy
quality control
signal processing
statistical analysis
DEU Korrelationsmethode
DSY Korrelationsverfahren

correlation theory
BT information theory
RT correlation methods
correlators
decorrelation
statistical analysis
DEU Korrelationstheorie

correlators
RT correlation methods
correlation theory
information theory
DEU Korrelator

correlators, optical
USE optical correlation

correspondence principle
BT quantum theory
PT quantum theory
DEU Korrespondenzprinzip

corrosion
BT chemical reactions
NT corrosion fatigue
corrosion resistance
stress corrosion cracking
UF *sensitisation (metallurgy) / corrosion* + *heat treatment*
RT corrosion protection
corrosion testing

electrochemical impedance spectroscopy
electrochemistry
environmental degradation
etching
failure analysis
oxidation
surface chemistry
DEU Korrosion

corrosion control
USE corrosion protection

corrosion fatigue
BT corrosion
fatigue
PT stress corrosion cracking
RT stress corrosion cracking
DEU Korrosionsermüdung

corrosion fatigue testing
USE corrosion testing

corrosion inhibition
USE corrosion inhibitors

corrosion inhibitors
BT inhibitors
SY *corrosion inhibition*
PT corrosion protection
RT corrosion protection
DEU Korrosionsinhibitor

corrosion prevention
USE corrosion protection

corrosion protection
BT protection
SY *cathodic protection*
corrosion control
corrosion prevention
rust prevention
RT anodisation
corrosion
corrosion inhibitors
corrosion protective coatings
corrosion resistance
deaeration
galvanising
packaging
pH control
DEU Korrosionsschutz

corrosion protective coatings
BT protective coatings
SY *anticorrosion coatings*
PT corrosion protection
protective coatings
RT corrosion protection
passivation
DEU Korrosionsschutzüberzug

corrosion resistance
BT corrosion
PT corrosion
RT corrosion protection
DEU Korrosionsbeständigkeit

corrosion testing
BT materials testing
SY *corrosion fatigue testing*
PT corrosion
materials testing
RT corrosion
environmental testing
DEU Korrosionsprüfung

corrugated horn antennas
USE horn antennas

corundum
BT alumina
minerals
NT ruby
sapphire
SY *Al2O3alpha*
alpha-Al2O3
PT aluminium compounds
DEU Korund

COSHH legislation
USE legislation
\+ occupational health
\+ occupational safety

cosmetics
BT chemical products
RT essential oils
pharmaceuticals
skin
DEU Kosmetikartikel

cosmic acceleration
UF *accelerating Universe / cosmic acceleration + cosmology + dark energy*
SY *cosmic inflation*
UF *expanding Universe / cosmic acceleration + cosmology*
UF *inflation (cosmological) / cosmic acceleration + cosmology*
PT cosmology
RT cosmology
dark energy
gravitation
DEU kosmische Beschleunigung

cosmic background radiation
BT radiation
NT radiofrequency cosmic radiation
SY *background radiation, cosmic*
cosmic radiation
PT cosmology
radiation
RT cosmology
DEU kosmische Hintergrundstrahlung

cosmic dust
UF *interstellar dust / cosmic dust + interstellar matter*
PT interplanetary matter
RT circumstellar matter
dust
intergalactic matter
interplanetary matter
interstellar matter
meteoroids
zodiacal light
DEU kosmischer Staub

cosmic gamma-ray bursts
USE gamma-ray bursts

cosmic gamma-ray sources
USE gamma-ray sources (astronomical)

cosmic inflation
USE cosmic acceleration

cosmic infrared sources
USE infrared sources (astronomical)

cosmic microwave background
USE radiofrequency cosmic radiation

cosmic radiation
USE cosmic background radiation

cosmic radiations, radiofrequency
USE radiofrequency cosmic radiation

cosmic radio sources
USE radiosources (astronomical)

cosmic radio waves
USE radiofrequency cosmic radiation

cosmic radiosources
USE radiosources (astronomical)

cosmic ray absorption
USE cosmic ray propagation

cosmic ray acceleration
USE cosmic ray propagation

cosmic ray alpha-particles and helium nuclei
USE cosmic ray nuclei

cosmic ray apparatus
SY *cosmic ray detectors*
cosmic ray spectrometers
UF *dark matter detectors / astronomical instruments + cosmic ray apparatus + dark matter*
UF *hodoscopes / cosmic ray apparatus + particle detectors*
RT astronomical instruments
chemical radiation detectors
cosmic rays
particle detectors
DEU kosmische Strahlenapparatur

cosmic ray composition
BT cosmic rays
NT cosmic ray electrons
cosmic ray mesons
cosmic ray muons
cosmic ray neutrinos
cosmic ray neutrons
cosmic ray nuclei
cosmic ray protons
UF *cosmic ray nucleons / cosmic ray composition + nucleons*
DEU Zusammensetzung kosmischer Strahlung

cosmic ray detectors
USE cosmic ray apparatus

cosmic ray deuterons
USE cosmic ray nuclei

cosmic ray electrons
BT cosmic ray composition
electrons
SY *cosmic ray positrons*
DEU kosmisches Strahlungselektron

cosmic ray energy spectra
BT astronomical spectra
cosmic rays
PT cosmic rays
spectra
DEU kosmisches Strahlungsenergiespektrum

cosmic ray geophysical effects
USE geophysical aspects of cosmic rays

cosmic ray interactions
BT cosmic rays
NT high-energy cosmic ray interactions
SY *cosmic ray-nucleus reactions*
cosmic ray-nucleus scattering
PT cosmic ray effects and interactions
RT elementary particle interactions
nuclear reactions and scattering
DEU kosmische Strahlungswechselwirkung
DSY Wechselwirkung kosmischer Strahlung

cosmic ray mesons
BT cosmic ray composition
mesons
DEU kosmisches Strahlungs-Meson

cosmic ray muons
BT cosmic ray composition
muons
DEU kosmisches Strahlungs-Muon

cosmic ray neutrinos
BT cosmic ray composition
neutrinos
UF *solar neutrinos / cosmic ray neutrinos + solar cosmic ray particles + solar interior*
DEU kosmisches Strahlungsneutrino

cosmic ray neutrons
BT cosmic ray composition
neutrons
RT cosmic ray nuclei
DEU kosmisches Strahlungsneutron

cosmic ray nuclei
BT cosmic ray composition
SY *cosmic ray alpha-particles and helium nuclei*
cosmic ray deuterons
PT cosmic ray alpha-particles and helium nuclei
cosmic ray nucleons
RT cosmic ray neutrons
cosmic ray protons
DEU kosmische Kernstrahlung

cosmic ray nucleons
USE cosmic ray composition
\+ nucleons

cosmic ray origin
BT cosmic rays
SY *cosmic ray sources*
DEU kosmische Anfangsstrahlung
DSY kosmische Ursprungsstrahlung
kosmische Urstrahlung

cosmic ray photons
USE gamma-ray astronomy
\+ X-ray astronomy

cosmic ray positrons
USE cosmic ray electrons

cosmic ray propagation
BT cosmic rays
UF *Compton-Getting effect / cosmic ray propagation + cosmic ray variations + galactic cosmic rays*
SY *cosmic ray absorption*
cosmic ray acceleration
PT cosmic rays
transport processes
DEU kosmische Strahlungsausbreitung

cosmic ray protons
BT cosmic ray composition
protons
RT cosmic ray nuclei
DEU kosmisches Strahlungsproton

cosmic ray showers
BT cosmic rays
SY *Auger showers*
cascade showers
EAS
extensive air showers
showers, cosmic ray
PT cosmic ray showers and bursts
RT geophysical aspects of cosmic rays
DEU kosmischer Strahlungsschauer

cosmic ray solar modulation
BT cosmic ray variations
PT cosmic ray variations
RT solar wind
DEU kosmische Strahlungssolarmodulation

cosmic ray sources
USE cosmic ray origin

cosmic ray spectrometers
USE cosmic ray apparatus

cosmic ray variations
BT cosmic rays
NT cosmic ray solar modulation
UF *Compton-Getting effect / cosmic ray propagation + cosmic ray variations + galactic cosmic rays*
SY *Forbush decreases*
DEU kosmische Strahlungsvariation

cosmic ray X-rays
USE X-ray astronomy

cosmic ray-nucleus reactions
USE cosmic ray interactions

cosmic ray-nucleus scattering
USE cosmic ray interactions

cosmic rays
NT cosmic ray composition
cosmic ray energy spectra
cosmic ray interactions
cosmic ray origin
cosmic ray propagation
cosmic ray showers
cosmic ray variations
geophysical aspects of cosmic rays
primary cosmic rays
RT Cherenkov radiation
cosmic ray apparatus
elementary particles
DEU kosmische Strahlung

cosmic strings
USE cosmology

cosmic ultraviolet sources
USE ultraviolet sources (astronomical)

cosmic X-ray bursts
USE X-ray sources (astronomical)

cosmic X-ray sources
USE X-ray sources (astronomical)

cosmogony
USE solar nebula
\+ solar system

cosmology
BT astronomy
NT higher dimensional cosmology
quantum cosmology
UF *accelerating Universe / cosmic acceleration + cosmology + dark energy*
UF *anthropic principle / cosmology + philosophical aspects*
SY *big-bang theory*
Brans-Dicke cosmology
cosmic strings
Dirac cosmology
early Universe
UF *expanding Universe / cosmic acceleration + cosmology*
SY *Hubble model*
UF *inflation (cosmological) / cosmic acceleration + cosmology*
UF *large scale structure (cosmological) / clusters of galaxies + cosmology*
UF *Mach principle / cosmology + space-time configurations*
SY *Olbers' paradox*
UF *Population III stars / cosmology + stars*
SY *steady-state theory*
Universe
RT antimatter
astronomical surveys
black holes
cosmic acceleration
cosmic background radiation
dark energy
dark matter
holographic principle
N-body simulations (astronomical)
nucleosynthesis
physics fundamentals
quasars
red shift
Schwarzschild metric
space-time configurations
DEU Kosmologie

cosmotrons
USE proton accelerators
\+ synchrotrons

cost accounting
BT costing
management accounting
NT depreciation
SY *valuation*
PT accounting
costing
RT activity based costing
asset management
profitability
throughput costing
DEU Kostenrechnung
DSY Kostenabrechnung

Kostenerfassung
Kostenzuordnung
Rechnungslegung

cost estimation
USE costing

cost of living index
USE economic indicators

cost optimal control
BT optimal control
PT optimal control
DEU kostenoptimierte Steuerung
DSY Kostenoptimierung
Kostenoptimierungsregel

cost reduction
BT costing
SY *capital cost reduction*
operating cost reduction
PT costing
RT economies of scale
profitability
DEU Kostensenkung
DSY Kosteneinsparung
Kostenreduzierung
Kostenverringerung

cost-benefit analysis
BT financial management
UF *return on investment / cost-benefit analysis + investment*
RT costing
econometrics
economics
software cost estimation
DEU Kosten-Nutzen-Analyse

Costa Ribeiro effect
USE dielectric properties
\+ phase transformations

costing
BT financial management
NT activity based costing
cost accounting
cost reduction
life cycle costing
pricing
software cost estimation
throughput costing
SY *cost estimation*
RT accounting
budgeting
cost-benefit analysis
marketing
tariffs
DEU Kosten
DSY Kostenermittlung

cotton
BT agricultural products
RT cotton fabrics
natural fibres
textile fibres
DEU Baumwolle

cotton fabrics
BT fabrics
SY *Calico*
Cambric
Chintz
Denim
Perkal
Perkalin
Pique
Popelin
RT cotton
yarn
DEU Baumwollgewebe

Cotton-Mouton effect
USE magneto-optical effects

Cottrell atmospheres
BT crystal defects
SY *Cottrell locking*
PT dislocations
RT dislocation locking
dislocations
interstitials
DEU Cottrell-Atmosphäre

Cottrell locking
USE Cottrell atmospheres

Cottrell-Atmosphäre
DEU for Cottrell atmospheres

Couette flow
BT flow
PT flow
RT jets
laminar flow
DEU Couette-Fluss
DSY Couette-Strömung

Couette-Fluss
DEU for Couette flow

Couette-Strömung
DUS für Couette flow

Coulomb blockade
BT quantum interference phenomena
PT quantum interference phenomena
RT mesoscopic systems
quantum interference devices
resonant tunnelling
semiconductor quantum dots
single electron devices
single electron transistors
superconductive tunnelling
DEU Coulomb-Blockade

Coulomb explosion
USE dissociation

Coulomb potential
USE electric potential
+ potential energy functions

Coulomb-Blockade
DEU for Coulomb blockade

coulometry
USE electrochemical analysis

counselling
USE employee welfare

counter accessories
RT counters
counting circuits
DEU Zählerzubehör

counters
BT nuclear instrumentation
NT Cherenkov counters
fission counters
Geiger counters
proportional counters
scintillation counters
semiconductor counters
spark counters
SY *ion counters*
particle counters
radiation counters
RT coincidence circuits
counter accessories
particle counting
particle detectors
DEU Zähler

counters (circuits)
USE counting circuits

counting circuits
BT pulse circuits
NT scaling circuits
SY *counters (circuits)*
RT adders
analogue-digital conversion
coincidence circuits
combinational circuits
counter accessories
digital arithmetic
digital-analogue conversion
nuclear instrumentation
particle detectors
particle track visualisation
pulse height analysers
time-digital conversion
DEU Zählschaltung

counting tubes
USE cold-cathode tubes

country planning
USE town and country planning

county planning
USE town and country planning

coupled circuits
BT networks (circuits)
SY *coupled networks*
coupling circuits
RT circuit theory
directional couplers
electromagnetic coupling
tuning
waveguide couplers
DEU gekoppelte Schaltung
DSY gekoppelter Schaltkreis
gekoppeltes Bauelement

coupled cluster calculations
BT energy states
SY *CCD calculations*
CCS calculations
CCSD calculations
CCSDT calculations
CPMET calculations
ECPMET calculations
MR-CCM calculations
PT molecular energy level calculations
RT configuration interactions
electron correlations
orbital calculations
DEU Berechnung gekoppelter Cluster
DSY Berechnung verbundener Cluster
gekoppelte Cluster-Berechnung
gekoppelte Cluster-Kalkulation

coupled mode analysis
RT integrated optics
laser modes
mode matching
optical couplers
optical modulation
optical waveguide theory
DEU Analyse des Kopplungsmodus
DSY Koppelmodeanalyse
Koppelmodusanalyse

coupled networks
USE coupled circuits

coupled superconductor devices
USE superconducting junction devices

coupled transmission lines
BT transmission lines
RT distributed parameter networks
electromagnetic coupling
multiconductor transmission lines
DEU gekoppelte Übertragungsleitung

couplers (electric connectors)
USE electric connectors

couplers (waveguide)
USE waveguide couplers

coupling (process)
USE joining processes

coupling circuits
USE coupled circuits

couplings
BT mechanical products
SY *linkages*
RT fasteners
joining processes
machine components
shafts
universal joints
DEU Gelenk (mechanisch)
DSY Kupplung

courses, educational
USE educational courses

courseware
BT computer aided instruction
software packages
PT computer aided instruction
software packages
RT authoring systems
multimedia systems
DEU Lernprogramm

covariance analysis
BT statistical analysis
PT statistical analysis
RT covariance matrices
DEU Kovarianzanalyse

covariance matrices
BT matrix algebra
PT matrix algebra
RT covariance analysis
DEU Kovarianzmatrix

Cp (chemical element)
USE copernicium
DEU Cp (chemisches Element)

Cp (chemisches Element)
DEU for Cp (chemical element)

CP invariance
UF *CKM matrix / CP invariance + electroweak theories*
RT conservation laws
discrete symmetries
DEU CP-Invarianz

CP Pup stars
USE novae

CP stars
USE chemically peculiar stars

CP-Invarianz
DEU for CP invariance

CP1 stars
USE chemically peculiar stars

CP2 stars
USE chemically peculiar stars
\+ magnetic stars

CP3 stars
USE chemically peculiar stars

CP4 stars
USE chemically peculiar stars

CPA calculations
BT Green's function methods
SY *coherent potential approximation*
PT Green's function methods
RT electronic structure
vibrational modes
DEU CPA-Berechnung
DSY CPA-Kalkulation

CPA-Berechnung
DEU for CPA calculations

CPA-Kalkulation
DUS für CPA calculations

CPFSK
USE continuous phase modulation
\+ frequency shift keying

CPMET calculations
USE coupled cluster calculations

CPT invariance
RT conservation laws
discrete symmetries
DEU CPT-Invarianz

CPT-Invarianz
DEU for CPT invariance

CPW
USE coplanar waveguides

Cr (chemical element)
USE chromium
DEU Cr (chemisches Element)

Cr (chemisches Element)
DEU for Cr (chemical element)

CR-39 detectors
USE solid-state nuclear track detectors

crack detection
BT cracks
flaw detection
SY *crack inspection*
PT nondestructive testing
RT surface cracks
DEU Detektion von Rissen
DSY Rissnachweis
Rissprüfung

crack inspection
USE crack detection

crack-edge stress field analysis
BT cracks
stress analysis
SY *crack-tip stress field analysis*
stress field analysis at cracks
PT cracks
stress analysis
RT elasticity
fracture
fracture mechanics
penny-shaped cracks
surface cracks
DEU Risskantenbeanspruchungsfeldana lyse

crack-tip stress field analysis
USE crack-edge stress field analysis

cracking
USE cracks
\+ fracture

cracking (chemical)
USE pyrolysis

cracking, stress corrosion
USE stress corrosion cracking

cracking, thermal stress
USE thermal stress cracking

cracks
BT mechanical properties
NT crack detection
crack-edge stress field analysis
fatigue cracks
microcracks
penny-shaped cracks
stress corrosion cracking
surface cracks
thermal stress cracking
UF *cracking / cracks + fracture*
SY *fissures*
UF *flaws / cracks + inclusions + voids (solid)*
RT Bauschinger effect
fracture
fracture mechanics
hydrogen embrittlement
indentation
liquid metal embrittlement
DEU Riss
DSY Spalt

cracks, surface
USE surface cracks

cramps
USE work-holding devices

cranes
BT lifting equipment
RT civil engineering
construction equipment
containerisation
Fotovoltaikbuilding
freight handling
hoists
trolleys

DEU Kran

crankcases
BT machine components
RT engines
shafts
DEU Kurbelgehäuse

cranking model
USE nuclear cranking model

crankshafts
USE shafts

craters
USE meteorite craters

Cray computers
BT digital computers
PT mainframes
RT mainframes
multiprocessing systems
parallel machines
DEU Cray-Computer

Cray-Computer
DEU for Cray computers

crazing
BT surface cracks
PT cracks
surface phenomena
RT environmental degradation
stress corrosion cracking
DEU Haarrissbildung
DSY Oberflächenkratzer

CRC codes
USE cyclic redundancy check codes

CRCW
USE concurrency theory

credit scoring
USE finance

credit transactions
BT accounting
PT accounts data processing
RT commerce
debit transactions
plastic cards
smart cards
DEU Kreditabwicklung

creep
BT deformation
NT creep fracture
diffusion creep
irradiation induced creep
recovery-creep
RT anelastic relaxation
creep testing
elastic aftereffect
plastic deformation
stress relaxation
viscoelasticity
viscoplasticity
DEU Kriechen

creep fracture
BT creep
fracture
UF *creep rupture strength / creep fracture + fracture toughness*
PT creep
fracture
DEU Kriechbruch

creep rupture strength
USE creep fracture
\+ fracture toughness

creep testing
BT materials testing
mechanical testing
PT creep
materials testing
mechanical testing
RT creep
DEU Kriechtest
DSY Standversuch

creep-recovery
USE recovery-creep

creeping flow
BT laminar flow
PT laminar flow
DEU Kriechströmung

CREMSEE
USE cyclotron resonance
\+ secondary electron emission

Cretaceous-Tertiary boundary events
USE geophysical catastrophes

CREW
USE concurrency theory

criminal bankruptcy
BT bankruptcy
DEU krimineller Bankrott

criminal law
BT law
NT digital forensics
RT computer crime
forensic science
police
DEU Kriminalrecht

crimping
BT joining processes
RT cable jointing
electric connectors
DEU Kräuseln
DSY Krimpen

crisis management
USE emergency management

critical constants, thermal
USE critical points

critical current density (superconductivity)
BT critical currents
current density
PT nonequilibrium properties of superconductors
transport properties of superconductors
RT Bean model
DEU kritische Stromdichte (Supraleitfähigkeit)

critical currents
BT electric current
superconductivity
NT critical current density (superconductivity)
SY *superconducting critical currents*
PT nonequilibrium properties of superconductors
transport properties of superconductors
RT flux creep
flux flow
flux pinning
DEU kritischer Strom

critical exponents
BT critical phenomena
DEU kritischer Exponent

critical field, superconducting
USE superconducting critical field

critical fluctuations
BT critical phenomena
fluctuations
NT fluctuations in superconductors
PT critical phenomena
fluctuations
RT ferroelectric transitions
magnetic transitions
phase transformations
DEU kritische Fluktuation

critical infrastructures
RT asset management
disasters
electricity supply industry
emergency management
emergency services
energy security
government policies
national security
public utilities
risk management
security of data
telecommunication
terrorism
water supply
DEU kritische Infrastuktur

critical mixtures
BT critical phenomena
mixtures
PT solutions
RT critical points
gas mixtures
liquid mixtures
liquid-liquid transformations
solutions
DEU kritische Mischung

critical opalescence
USE critical phenomena
\+ opalescence

critical path analysis
BT management science
operations research
SY *critical path scheduling*
RT management
PERT
project engineering
scheduling
systems analysis
DEU Methode des kritischen Weges

critical path scheduling
USE critical path analysis

critical phenomena
NT critical exponents
critical fluctuations
critical mixtures
critical points
self-organised criticality
UF *critical opalescence / critical phenomena + opalescence*
PT phase equilibrium
phase transformations
thermodynamics
RT magnetic transitions
phase equilibrium
phase transformations
renormalisation
DEU kritisches Phänomen

critical phenomena, magnetic
USE magnetic transitions

critical points
BT critical phenomena
NT boiling point
melting point
SY *critical constants, thermal*
tricritical point
triple point
PT thermal critical constants
RT critical mixtures
phase transformations
temperature
DEU kritischer Punkt

critical temperature, superconducting
USE superconducting transition temperature

CRM
USE customer relationship management

CRMA
USE cyclic reservation multiple access

CRO
USE cathode-ray oscilloscopes

crocidolite
USE asbestos

crops
BT agricultural products
vegetation
UF *genetically modified crops / crops + genetic engineering*
PT agriculture
RT botany
farming
hyperspectral imaging
land use
plant diseases
DEU Getreide

cross linked polyethylene insulation
USE XLPE insulation

cross-aberration
USE aberrations

cross-sections (nuclear)
USE nuclear reactions and scattering

crosscutting concerns
USE object-oriented programming

crossed-field tubes
USE microwave tubes

crosspoint switches
USE electronic switching systems
\+ telecommunication switching

crosstalk
BT interference (signal)
NT optical crosstalk
PT interference
noise
RT telephone interference
DEU Nebensprechen

Crowdion
DEU for crowdions

crowdions
BT crystal defects
PT interstitials
RT interstitials
DEU Crowdion

CRT
USE cathode-ray tubes

crude oil
BT fossil fuels
oils
RT bitumen
hydrocarbon reservoirs
oil pollution
oil refining
oil sands
oil shale
petroleum
petroleum industry
raw materials
shale gas
DEU Erdöl

crushers
BT materials handling equipment
PT crushing
materials handling equipment
RT crushing
grinding machines
machinery
mining equipment
screening equipment (materials processing)
DEU Brecher

crushing strength
USE compressive strength

crushing
BT materials handling
RT crushers
mineral processing
DEU Brechen

cryobiology
USE biothermics

cryoelectric stores
DEU supraleitender Speicher

cryogenic cables
USE superconducting cables

cryogenic electronics
BT cryogenics
electronic engineering
SY *low-temperature electronics*
PT cryogenics
low-temperature techniques
RT integrated circuits
low-temperature techniques
semiconductor devices
DEU kryogene Elektronik
DSY kryogenisch gekühlte Elektronik
kryogenische Elektronik
Tieftemperaturelektronik
tieftemperaturgekühlte Elektronik

cryogenic pumps
USE cryopumping

cryogenics
NT cryogenic electronics
cryopumping
low-temperature production
low-temperature techniques
SY *low-temperature physics*
RT Joule-Thomson effect
magnetic cooling
refrigeration
DEU Kältetechnik
DSY Kryotechnik

cryopumping
BT cryogenics
vacuum pumps
vacuum techniques
SY *cryogenic pumps*
PT vacuum pumps
vacuum techniques
DEU Kältepumpe
DSY kryogenes Pumpen
Kryopumpen

cryoscopy
USE freezing

cryostats
BT control equipment
low-temperature techniques
RT controllers
liquid helium
sample holders
switches
temperature control
thermostats
DEU Kryostat

cryotrons
USE superconducting switches

cryptographic protocols
BT cryptography
protocols
SY *authentication protocols*
PT cryptography
protocols
RT codes
message authentication
telecommunication security
DEU kryptografisches Protokoll
DSY kryptographisches Protokoll

cryptography
BT security of data
NT cryptographic protocols
private key cryptography
public key cryptography
quantum cryptography
SY *ciphers*
encryption
UF *hashing functions / cryptography + file organisation*
UF *image cryptography / cryptography + image processing*
UF *image encryption / cryptography + image processing*
SY *iterative block ciphers*
side channel attacks
UF *visual cryptography / cryptography*

+ *image processing*
SY *zero knowledge proofs*
PT security of data
RT algebraic codes
chaotic communication
codes
computer network security
conditional access
data communication
data handling
data privacy
data protection
DP management
random sequences
social aspects of automation
steganography
telecommunication security
trusted computing
DEU Kryptographie

crystal atomic structure
USE crystal structure

crystal binding
BT bonds (chemical)
SY *binding, crystal*
PT bonds (chemical)
RT binding energy
hydrogen bonds
lattice energy
DEU Kristallbindung

crystal chemistry
BT crystal properties
physical chemistry
RT bonds (chemical)
chemical structure
crystallography
crystals
stoichiometry
DEU Kristallchemie

crystal cleavage
USE crystal faces
+ specimen preparation

crystal counters
USE particle detectors

crystal defects
BT solid structure
NT Cottrell atmospheres
crowdions
crystallographic shear
disclinations
dislocations
extended defects
grain boundaries
phonon-defect interactions
point defects
stacking faults
twinning
voids (solid)
SY *crystal imperfections*
defects, crystal
imperfections, crystal
lattice defects
semiconductor defects
UF *thermal spikes / crystal defects + radiation effects*
RT crystal growth
crystal microstructure
defect absorption spectra
defect states
etching
impurity-defect interactions
inclusions
noncrystalline defects
X-ray topography
DEU Kristalldefekt
DSY Kristallfehler

crystal faces
UF *crystal cleavage / crystal faces + specimen preparation*
SY *faces (crystal)*
RT crystals
DEU piezoelektrische Oberfläche

crystal field interactions
BT energy states
NT electric field gradient
SY *crystal field theory*
crystal fields
crystal internal fields
field interactions (condensed matter)
field theory, crystal
internal fields, crystal
UF *ligand field theory / bonds (chemical) + crystal field interactions + molecular electronic states*
PT crystal field theory
crystal internal fields
RT charge compensation
crystals
hyperfine interactions
Judd-Ofelt theory
DEU Kristallfeldwechselwirkung
DSY piezoelektrische Wechselwirkung

crystal field theory
USE crystal field interactions

crystal fields
USE crystal field interactions

crystal filters
BT electromechanical filters
piezoelectric devices
NT surface acoustic wave filters
SY *ceramic filters*
piezoelectric filters
PT filters
RT acoustic resonator filters
acoustoelectric devices
DEU piezoelektrisches Filter

crystal growth
NT crystal growth from melt
crystal growth from solution
crystal growth from vapour
crystallisers
epitaxial growth
RT crystal defects
crystal purification
crystal structure
crystallisation
crystallography
crystals
dendrites
flocculation
materials preparation
nucleation
semiconductor growth
twinning
whiskers (crystal)
zero gravity experiments
DEU Kristallzüchtung

crystal growth from gel
BT crystal growth from solution
PT crystal growth from solution
DEU Kristallwachstum aus der Gelphase
DSY Kristallzüchtung aus der Gelphase

crystal growth from melt
BT crystal growth
liquid phase deposition
melt processing
SY *Bridgman method*
Czochralski method
edge-defined film fed growth
EFG
Kyropoulous method
LEC growth
liquid encapsulated Czochralski method
Stepanov method
Stockbarger method
Verneuil process
PT crystal growth
RT directional solidification
high gravity effects
liquid phase epitaxial growth
zone melting
DEU Kristallwachstum aus der Schmelzphase
DSY Kristallzüchtung aus der Schmelzphase

crystal growth from solution
BT crystal growth
liquid phase deposition
NT crystal growth from gel
SY *flux crystal growth*
hydrothermal crystal growth
PT crystal growth
RT liquid phase epitaxial growth
precipitation (physical chemistry)
DEU Kristallwachstum aus der Lösungsphase
DSY Kristallzüchtung aus der Lösungsphase

crystal growth from vapour
BT crystal growth
vapour deposition
NT vapour phase epitaxial growth
PT crystal growth
RT evaporation
DEU Kristallwachtum aus der Dampfphase
DSY Kristallwachtum aus der Gasphase
Kristallzüchtung aus der Dampfphase
Kristallzüchtung aus der Gasphase

crystal habit
USE crystal morphology

crystal hyperfine field interactions
USE hyperfine interactions

crystal imperfections
USE crystal defects

crystal impurities
DEU Kristallunreinheit
DSY Kristallverunreinigung

crystal inclusions
USE inclusions

crystal internal fields
USE crystal field interactions

crystal lattice structures
USE crystal structure

crystal microstructure
BT solid structure
NT dendritic structure
domain boundaries
eutectic structure
grain boundaries
grain growth
grain refinement
grain size
Guinier-Preston zones
martensitic structure
mosaic structure
subboundary structure
Widmanstatten structure
SY *grain structure*
microstructure, crystal
RT crystal defects
crystallites
domains
fractography
hardening
heat treatment
inclusions
metallography
metallurgy
metalworking
phase equilibrium
phase transformations
precipitation
segregation
superlattices
texture
DEU Kristallmikrostruktur

crystal morphology
BT crystal structure
SY *crystal habit*
morphology, crystal
PT crystal faces
crystal structure
RT surface morphology
DEU Kristallmorphologie

crystal orientation
BT crystal structure
RT crystals
DEU Kristallorientierung

crystal oscillators
BT crystal resonators
radiofrequency oscillators
NT surface acoustic wave oscillators
SY *quartz oscillators*
PT crystal resonators
radiofrequency oscillators
RT piezoelectric oscillations
DEU Kristalloszillator
DSY Quarzoszillator

crystal properties
NT crystal chemistry
RT crystals
DEU Kristalleigenschaften

crystal purification
BT purification
SY *purification, crystal*
PT crystal growth
RT crystal growth
crystallisation
impurities
semiconductor technology
zone refining
DEU Kristallreinigung

crystal resonant gamma-ray interactions
USE Mossbauer effect

crystal resonators
BT piezoelectric devices
resonators
NT crystal oscillators
surface acoustic wave resonators
SY *piezoelectric resonators*
quartz crystal resonators
quartz resonators
RT bulk acoustic wave devices
microbalances
micromechanical resonators
quartz
quartz crystal microbalances
surface acoustic wave oscillators
surface acoustic wave sensors
UHF resonators
DEU Kristallresonator
DSY piezoelektrischer Schwinger
Quarzkristall-Resonator
Quarzkristallresonator
Quarzkristallschwinger
Quarzresonator
Quarzschwinger

crystal structure
BT solid structure
NT crystal morphology
crystal orientation
crystal symmetry
SY *atomic structure, crystals*
Bravais lattice
crystal atomic structure

crystal lattice structures
lattice structure, crystals
UF *point groups / crystal structure + crystal symmetry*
SY *structure factors (crystals)*
RT bonds (chemical)
chemical structure
crystal growth
crystallography
crystals
electron diffraction crystallography
heat of transformation
lattice constants
lattice dynamics
molecular configurations
neutron diffraction crystallography
particle size
polymorphism
space groups
stoichiometry
superlattices
twinning
X-ray crystallography
DEU Kristallstruktur

crystal symmetry
BT crystal structure
symmetry
UF *point groups / crystal structure + crystal symmetry*
RT crystallography
crystals
group theory
quasicrystals
space groups
DEU Kristallsymmetrie

crystal whiskers
USE whiskers (crystal)

crystalline-amorphous transformations
USE amorphisation

crystallisation
BT phase transformations
SY *amorphous-crystalline transformations*
crystallization
RT colloidal crystals
crystal growth
crystal purification
crystallisers
crystals
dendrites
heat of crystallisation
nucleation
precipitation
precipitation (physical chemistry)
solubility
zone refining
DEU Kristallisation

crystallisers
BT chemical technology
crystal growth
SY *crystallizers*
RT chemical reactors
crystallisation
DEU Kristallisierer

crystallites
PT crystal microstructure
RT crystal microstructure
crystals
nanostructured materials
semiconductor doped glasses
DEU Kristallit

crystallization
USE crystallisation

crystallizers
USE crystallisers

crystallographic shear
BT crystal defects
SY *shear*
PT fracture
RT fracture
DEU kristallografische Reibung
DSY kristallografische Schere
kristallographische Reibung
kristallographische Schere

crystallography
NT electron diffraction crystallography
isomorphism
lattice constants
neutron diffraction crystallography
polymorphism
space groups
X-ray crystallography
RT charge compensation
crystal chemistry
crystal growth
crystal structure
crystal symmetry
crystals
gamma-ray diffraction
radiography
solid structure
symmetry
DEU Kristallografie
DSY Kristallographie

crystals
NT bicrystals
dendrites
epitaxial layers
plastic crystals
whiskers (crystal)
RT crystal chemistry
crystal faces
crystal field interactions
crystal growth
crystal orientation
crystal properties
crystal structure
crystal symmetry
crystallisation
crystallites
crystallography
etching
liquid crystals
metals
semiconductor materials
solids
twinning
DEU Kristall

Cs (chemical element)
USE caesium
DEU Cs (chemisches Element)

Cs (chemisches Element)
DEU for Cs (chemical element)

CS stars
USE giant stars

CSCW
USE groupware

CSMA
USE carrier sense multiple access

CSMA (Carrier Sense Multiple Access)
DEU for carrier sense multiple access

CSMA/CD
USE carrier sense multiple access

CSP
USE communicating sequential processes

CSP lasers
USE semiconductor lasers

CT-2 telephone systems
USE cordless telephone systems

CTI
USE computer telephony integration

Cu (chemisches element)
USE copper

cube-connected cycle networks
USE hypercube networks

CUDA
USE parallel architectures

Cuk converters
USE DC-DC power convertors

Cuk convertors
USE DC-DC power convertors

cultural aspects
BT socio-economic effects
RT age issues
behavioural sciences
Digital Divide
ethical aspects
gender issues
social sciences
DEU Kultur
DSY kultureller Aspekt

cultural heritage
USE history

cumulants
USE higher order statistics

cumulus clouds
USE clouds

cuprate superconductors
USE high-temperature superconductors

Curie point
USE Curie temperature
\+ ferroelectric Curie temperature

Curie temperature
BT magnetic transition temperature
SY *antiferromagnetic Curie temperature*
UF *Curie point / Curie temperature + ferroelectric Curie temperature*
SY *ferromagnetic Curie temperature*
paramagnetic Curie temperature
RT ferromagnetic materials
ferromagnetic-paramagnetic transitions
ferromagnetism
DEU Curie-Temperatur

Curie-Temperatur
DEU for Curie temperature

Curie-Weiss law
USE magnetic susceptibility
\+ paramagnetism

curing
BT materials preparation
PT materials preparation
RT adhesion
chemical reactions
drying
heat treatment
plasticisers
polymerisation
vulcanisation
DEU Aushärten
DSY Polymerisieren

curium
BT actinides
transuranes
SY *Cm (chemical element)*
RT curium compounds
DEU Curium

curium compounds
BT actinide compounds
RT curium
DEU Curiumverbindung

Curiumverbindung
DEU for curium compounds

Curium
DEU for curium

currency markets
USE foreign exchange trading

current (electric)
USE electric current

current algebra
BT elementary particle theory
NT hadron current
RT algebra
charged currents
light cones
neutral currents
quantum field theory
DEU Strömungsalgebra

current collecting equipment
NT brushes
pantographs
PT brushes
pantographs
DEU Stromabnehmerausrüstung

current collection, traction
USE traction current collection

current comparators
BT comparators (circuits)
PT comparators (circuits)
RT electric current measurement
DEU Stromkomperator

current control, electric
USE electric current control

current conveyors
BT active networks
SY *CCII*
PT active networks
RT amplifiers
oscillators
DEU Stromförderband
DSY Stromübertrager

current density
BT electric current
NT critical current density (superconductivity)
PT electric current
RT carrier density
carrier mobility
current distribution
electrolysis
electron density
hole density
DEU Stromdichte

current distribution
BT electric current
RT antenna theory
current density
electron density
DEU Stromverteilung

current fluctuations
BT electric current
fluctuations
SY *current oscillations*
PT noise
RT noise
DEU Elektrizitätsfluktuation
DSY Spannungsschwankung
Stromfluktuation
Stromschwankung

current limiters
BT limiters
NT fault current limiters
PT current limiting reactors
limiters
RT current limiting reactors
fault currents
overcurrent protection
power system protection
DEU Strombegrenzer

current limiting reactors
BT inductors
SY *bus reactors*
RT current limiters
electric current control
fault current limiters
limiters
superconducting fault current limiters
DEU strombegrenzende Reaktanzspule

current measurement, electric
USE electric current measurement

current mirrors
BT amplifiers
PT amplifiers
RT transistor circuits
DEU Stromspiegel

current oscillations
USE current fluctuations

current references
USE reference circuits

current sources
USE constant current sources

current transformers
BT transformers
RT electric current control
electric current measurement
DEU Stromwandler

current transients
USE transients

current-controlled current sources
USE active networks

current-controlled voltage sources
USE active networks

current-mode circuits
BT networks (circuits)
RT analogue integrated circuits
analogue processing circuits
current-mode logic
DEU Strommodusschaltung

current-mode logic
BT logic
NT emitter-coupled logic
SY *CML*
PT emitter-coupled logic
RT BiCMOS digital integrated circuits
BiCMOS logic circuits
bipolar digital integrated circuits
bipolar logic circuits
current-mode circuits
DEU Strommoduslogik

curvature measurement
BT spatial variables measurement
SY *radius of curvature measurement*
PT mechanical variables measurement
RT diameter measurement
surface topography measurement
DEU Kurvenmessung

curve fitting
BT numerical analysis
PT numerical analysis
RT computer graphics
data analysis
data reduction
least mean squares methods
least squares approximations
splines (mathematics)
surface fitting
DEU Kurvenanpassung

curve of growth analysis
USE stellar atmospheres
\+ stellar composition
\+ stellar spectra

curvelet transforms
BT transforms
PT wavelet transforms
RT image processing
inverse transforms
wavelet transforms
DEU Kurvelet-Transformation

custom integrated circuits
USE application specific integrated circuits

customer profiles
BT customer relationship management
PT customer relationship management
RT consumer behaviour
data mining
market opportunities
DEU Kundenprofil

customer relationship management
BT management
marketing
NT customer profiles
customer satisfaction
customer services
SY *CRM*
PT management information systems
marketing
RT call centres
consumer behaviour
database management systems
electronic commerce
integrated software
management information systems
order processing
public relations
supply chain management
warranties
DEU Kundenbeziehungsmanagement

customer satisfaction
BT customer relationship management
PT customer relationship management
RT customer services
market research
product customisation
quality management
quality of experience
DEU Kundenzufriedenheit

customer services
BT customer relationship management
PT customer relationship management
RT customer satisfaction
DEU Kundendienst

customisation, product
USE product customisation

customs and excise
USE tariffs

cusum charts
USE control charts

cutting
NT arc cutting
laser beam cutting
shearing
water jet cutting
SY *chopping*
UF *cutting fluids / coolants + cutting + lubricants*
RT broaching
deburring
machine tools
machining
manufacturing processes
milling
sawing
turning (machining)
ultrasonic machining
DEU Zerspanen

cutting fluids
USE coolants
\+ cutting
\+ lubricants

cutting stock problem
USE bin packing

cutting tools
BT production equipment
PT cutting
machine tools
RT blades
dies (machine tools)
gear cutting machines
machine tools
machining chatter
metalworking machines
milling machines
DEU Fräswerkzeug
DSY Schneidwerkzeug
Spanwerkzeug

CVD
USE chemical vapour deposition

CVD coatings
BT vapour deposited coatings
NT MOCVD coatings
plasma CVD coatings
SY *chemical vapor deposited coatings*
chemical vapour deposited coatings
CVD thin films
PT films
thin films

RT chemical vapour deposition
DEU CVD-Beschichtung

CVD thin films
USE CVD coatings

CVD-Beschichtung
DEU for CVD coatings

CVD-Verfahren
DUS für chemical vapour deposition

CVI
USE chemical vapour infiltration

CVSDM
USE delta modulation

CW radar
BT radar
SY *continuous wave radar*
UF *FMCW radar / CW radar + FM radar*
RT Doppler radar
FM radar
road vehicle radar
DEU CW-Radar

CW-Radar
DEU for CW radar

cyanogen, C2N2
USE carbon compounds

cybernetics
NT artificial intelligence
biocybernetics
economic cybernetics
RT adaptive systems
automata theory
cognitive systems
control theory
ergonomics
feedback
heuristic programming
information theory
learning systems
man-machine systems
neural nets
pattern recognition
process control
psychology
DEU Kybernetik

cyclic accelerators
BT particle accelerators
NT betatrons
cyclotrons
storage rings
synchrotrons
PT particle accelerators
RT electron accelerators
ion accelerators
particle accelerator accessories
proton accelerators
DEU Kreisbeschleuniger

cyclic codes
BT codes
SY *quasi-cyclic codes*
PT codes
error correction codes
RT arithmetic codes
binary sequences
cyclic redundancy check codes
geometric codes
Golay codes
Goppa codes
interleaved codes
linear codes
Reed-Muller codes
DEU zyklischer Code

cyclic redundancy check codes
BT codes
SY *CRC codes*
PT cyclic codes
error correction codes
error detection codes
RT cyclic codes
decoding
error correction codes
error detection codes
redundancy
DEU Code mit zyklischer Redundanzprüfung

cyclic reservation multiple access
BT access protocols
multi-access systems
SY *CRMA*
PT multi-access systems
protocols
RT computer networks
local area networks
DEU Vielfachzugriff mit zyklischer Reservierung

cycloconvertors
BT power convertors
PT power convertors
RT frequency convertors
matrix convertors
DEU Zyklokonverter

cyclogenesis
USE atmospheric movements
\+ storms

cyclone separators
BT materials handling equipment
PT materials handling equipment
RT agricultural machinery
domestic appliances
dust
filtration
production equipment
separation
DEU Zyklonabscheider

cyclones
USE atmospheric movements
\+ meteorology

cyclotron autoresonance masers
USE cyclotron masers

cyclotron masers
BT masers
SY *CARM*
cyclotron autoresonance masers
cyclotron resonance masers
electron cyclotron masers
PT gyrotrons
masers
RT cyclotron resonance
gyrotrons
millimetre wave amplifiers
millimetre wave generation
DEU Zyklotronmaser

cyclotron radiation
BT electromagnetic waves
RT synchrotron radiation
undulator radiation
DEU Zyklotronstrahlung

cyclotron resonance
BT resonance
SY *Azbel-Kaner resonance*
UF *CREMSEE / cyclotron resonance*
+ secondary electron emission
SY *diamagnetic resonance*
electron cyclotron resonance
ion cyclotron resonance
RT cyclotron masers
diamagnetic materials
diamagnetism
dopplerons
Fermi surface
plasma confinement
plasma heating
DEU Zyklotronresonanz

cyclotron resonance masers
USE cyclotron masers

cyclotrons
BT cyclic accelerators
NT microtrons
synchrocyclotrons
SY *omegatrons*
DEU Zyklotron

cylinders (shapes)
USE shapes (structures)

cylindrical waveguides
USE circular waveguides

cytology
USE cellular biophysics

Czochralski method
USE crystal growth from melt

D mesons
BT charm particles
meson resonances
PT charm particles
meson resonances
DEU D-Meson

D-branes
USE membrane theory

D-layer
USE D-region

D-Meson
DEU for D mesons

D-region
BT ionosphere
SY *D-layer*
DEU D-Schicht

D-Schicht
DEU for D-region

d-wave superconductivity
BT superconductivity
PT high-temperature superconductors
RT high-temperature superconductors
quasiparticles
superconducting energy gap
superconductive tunnelling
DEU d-Wellen-Supraleitfähigkeit
DSY d-Wellen-Supraleitung

d-Wellen-Supraleitfähigkeit
DEU for d-wave superconductivity

d-Wellen-Supraleitung
DUS für d-wave superconductivity

D/A conversion
USE digital-analogue conversion

DA stars
USE white dwarfs

DAB
USE digital audio broadcasting

Dach (Bau)
DEU for roofs

Dämpfen
DUS für damping

Dämpfung
DUS für damping

Dämpfungsglied (Schaltungstechnik)
DEU for attenuators

Dämpfungsglied (Überspannung)
DEU for snubbers

Dämpfungsmessung
DEU for attenuation measurement

dairy products
BT agricultural products
food products
SY *butter*
cheese
milk
PT dairying
RT beverages
dairying
DEU Molkereiprodukt

dairying
BT farming
PT agriculture
RT agriculture
dairy products
DEU täglicher Bedarf

daisy wheel printers
BT printers
PT printers
DEU Typenraddrucker

DAMA
USE demand assigned multiple access

damage, radiation
USE radiation effects

Damm
DEU for dams

damp proofing
USE waterproofing

dampers
USE shock absorbers
\+ vibration control

Dampf
DEU for steam

Dampfanlage
DEU for steam plants

Dampfdruck (Mechanik)
DEU for vapour pressure

Dampfdruckmessung
DEU for vapour pressure measurement

Dampfkessel
DUS für boilers

Dampfkraftwerk
DUS für steam plants

Dampfkraftwerk
DEU for steam power stations

Dampfmaschine
DEU for steam engines

Dampfreformierung
DEU for steam reforming

Dampfturbine
DEU for steam turbines

damping
BT mechanics
NT dislocation damping
RT absorption
hysteresis
internal friction
modal analysis
shock absorbers
stability
transfer functions
transient response
vibration control

vibration isolation
vibrations
DEU Beruhigung
DSY Dämpfen
Dämpfung

dams
BT geotechnical structures
water supply
SY *barrages*
RT geotechnical engineering
hydroelectric power stations
lakes
natural resources
reservoirs
DEU Damm

dance
USE humanities

dangling bonds
BT bonds (chemical)
SY *bonds, dangling*
PT defect electron energy states
RT amorphous state
defect states
DEU lose Bindung (chemisch)

DANTE
USE nuclear magnetic resonance

Darcy's law
USE flow through porous media

dark conductivity
BT electrical conductivity
RT photoconductivity
DEU Dunkelleitfähigkeit

dark energy
UF *accelerating Universe / cosmic acceleration + cosmology + dark energy*
PT cosmology
RT cosmic acceleration
cosmology
dark matter
DEU dunkle Energie

dark matter
SY *cold dark matter*
UF *dark matter detectors / astronomical instruments + cosmic ray apparatus + dark matter*
SY *hot dark matter*
missing mass
PT cosmology
RT brown dwarfs
cosmology
dark energy
DEU dunkle Materie

dark matter detectors
USE astronomical instruments
\+ cosmic ray apparatus
\+ dark matter

dark space
USE discharges (electric)

dark states
BT energy states
RT atom-photon collisions
excited states
quantum optics
radiation pressure
DEU dunkler Zustand

Darlington transistors
USE bipolar transistors

darmstadtium
BT transactinides
SY *Ds (chemical element)*
eka-platinum
element 110
ununnilium
PT transactinides
DEU Darmstadtium

Darmstadtium
DEU for darmstadtium

Darrieus turbines
USE wind turbines

Darstellung
DUS für imaging

DASD
USE magnetic disc storage

DAT
USE digital audio tape

data abstraction
USE data structures

data access
USE information retrieval

data acquisition
NT SCADA systems
RT CAMAC
computerised instrumentation

data analysis
data handling
data recording
data reduction
high energy physics
instrumentation computing
indicators
recorders
signal conditioning circuits
virtual instrumentation
DEU Datenerfassung

data analysis
BT data handling
NT data assimilation
formal concept analysis
SY *data analytics*
UF *visual analytics / data analysis + data visualisation*
PT data reduction and analysis
RT Big Data
curve fitting
data acquisition
data reduction
recording
spectral analysis
surface fitting
DEU Datenanalyse

data analytics
USE data analysis

data assimilation
BT data analysis
RT geophysical signal processing
meteorology
DEU Datenanpassung
DSY Datensammlung

data association
USE sensor fusion

data centres
USE computer centres

data communication
BT telecommunication
NT computer mediated communication
data communication equipment
integrated voice/data communication
radio data systems
PT data communication systems
RT ad hoc networks
automatic repeat request
B-ISDN
Bluetooth
business communication
computer communications software
computer networks
computer peripheral equipment
cryptography
data privacy
digital communication
digital subscriber lines
EFTS
electronic data interchange
electronic messaging
intelligent networks
inter-computer links
ISDN
local area networks
message switching
optical information processing
packet switching
personal area networks
protocols
subscriber loops
telecommunication security
telecommunication signalling
telemetry
teletext
transmultiplexing
viewdata
DEU Datenkommunikation

data communication equipment
BT computer peripheral equipment
data communication
telecommunication equipment
NT modems
network computers
SY *data transmission equipment*
UF *UART / computer interfaces + data communication equipment*
UF *universal asynchronous receiver/transmitter / computer interfaces + data communication equipment*
RT computer interfaces
file servers
inter-computer links
multiplexing
satellite computers
DEU Datenkommunikationsausrüstung
DSY Datenkommunikationsausstatung
Datenkommunikationseinheit
Datenkommunikationseinrichtung

data compression
BT signal processing
NT source coding
vector quantisation
UF *H.264 coding / data compression*

+ video codecs + video coding
UF *image compression / data compression + image coding*
UF *image quantisation / data compression + image coding*
SY *Lempel-Ziv data compression*
UF *speech compression / data compression + speech coding*
UF *video compression / data compression + video coding*
RT affine transforms
arithmetic codes
audio streaming
audio watermarking
bandwidth compression
compressed sensing
differential pulse code modulation
discrete cosine transforms
entropy codes
high definition video
image watermarking
information theory
Karhunen-Loeve transforms
pulse compression
quantisation (signal)
runlength codes
steganography
transcoding
transform coding
variable length codes
variable rate codes
video streaming
video watermarking
watermarking
wavelet transforms
DEU Datenkompression

data consistency
USE data integrity

data constraints
USE data integrity

data conversion
NT analogue-digital conversion
digital-analogue conversion
RT digital circuits
DEU Datenkonvertierung

data conversion (software)
USE electronic data interchange

data description
BT data structures
RT computer software
DEU Datenbeschreibung

data dictionaries
USE database management systems

data encapsulation
BT abstract data types
NT steganography
SY *data hiding*
encapsulation of data
PT data structures
RT aspect-oriented programming
audio watermarking
image watermarking
inheritance
object-oriented programming
video watermarking
watermarking
DEU Datenkapselung

data envelopment analysis
BT operations research
PT operations research
RT decision theory
DEU Dateneinhüllanalyse

data exchange
USE electronic data interchange

data flow analysis
BT program diagnostics
PT program diagnostics
RT data flow graphs
programming
DEU Datenflussanalyse

data flow computing
BT parallel processing
SY *data-flow machines*
PT parallel processing
RT parallel architectures
DEU Computeranwendung (Datenfluss)
DSY Datendurchsatzrechner
Datenflussrechner
Rechneranwendung (Datenfluss)

data flow graphs
BT flow graphs
PT directed graphs
RT data flow analysis
logic design
network routing
signal flow graphs
DEU Datenflussbild
DSY Datenflussplan

data flow languages
USE parallel languages

data fusion
USE sensor fusion

data gloves
BT haptic interfaces
SY *gloves (computer I/O)*
PT interactive devices
RT virtual reality
DEU Datenhandschuh

data grids
USE grid computing

data handling
NT associative processing
Big Data
data analysis
data integration
data integrity
data preparation
data reduction
document handling
electronic data interchange
exception handling
list processing
merging
multimedia computing
sorting
storage allocation
string matching
symbol manipulation
table lookup
text editing
transaction processing
SY *program loading techniques*
program saving techniques
RT code standards
codes
computers
cryptography
data acquisition
data privacy
document image processing
file organisation
search problems
security of data
DEU Datenbearbeitung
DSY Datenbehandlung
Datenverarbeitung

data hiding
USE data encapsulation

data integration
BT data handling
PT data handling
RT database management systems
database theory
enterprise resource planning
merging
meta data
query processing
XML
DEU Datenintegration

data integrity
BT data handling
SY *data consistency*
data constraints
integrity, data
range checking, data
PT security of data
RT concurrency control
database management systems
security of data
trusted computing
DEU Datenintegrität
DSY Datenunversehrtheit
Datenvollständigkeit

data interchange
USE electronic data interchange

data interfaces
USE electronic data interchange

data loggers
BT recorders
UF *loggers / data loggers + recorders*
RT geophysical equipment
DEU Datenerfassungssystem

data manipulation languages
USE database languages

data marts
USE data warehouses

data mining
BT knowledge acquisition
SY *association rules*
knowledge discovery
OLAP
UF *OLTP / data mining + transaction processing*
SY *online analytical processing*
UF *online transaction processing / data mining + transaction processing*
PT knowledge acquisition
RT Big Data
collaborative filtering
customer profiles
data warehouses
deductive databases
feature selection

formal concept analysis
granular computing
recommender systems
very large databases
DEU Datendurchsuche
DSY Datenermittlung
Datengewinnung
Datensuche

data models
BT data structures
NT entity-relationship modelling
PT data structures
database management systems
RT database management systems
database theory
meta data
semantic Web
DEU Datenmodell

data portability
USE electronic data interchange

data preparation
BT data handling
RT data preparation equipment
word processing
DEU Datenaufbereitung
DSY Datenvorbereitung

data preparation equipment
BT computer peripheral equipment
NT punched card equipment
punched tape equipment
RT data preparation
DEU Datenbearbeitungsausrüstung
DSY Datenbearbeitungsausstattung
Datenbearbeitungseinheit
Datenbearbeitungseinrichtung

data privacy
BT security
NT data protection
SY *privacy of data*
UF *TBDF / data privacy + EFTS + government policies*
UF *transborder data flow / data privacy + EFTS + government policies*
PT security of data
social aspects of automation
RT codes
computer crime
cryptography
data communication
data handling
digital forensics
DP management
electronic health records
government policies
security of data
social aspects of automation
telecommunication security
trusted computing
DEU Daten-Privatsphäre

data processing
DEU Datenverarbeitung

data processing (administrative)
USE administrative data processing

data processing industry
USE DP industry

data protection
BT data privacy
PT data privacy
RT authorisation
cloud computing
computer crime
consumer protection
cryptography
electronic health records
fraud
Internet
law
legislation
security of data
DEU Datenschutz
DSY Datensicherung

data querying
USE query languages
\+ query processing

data recording
BT recording
PT magnetic recording
RT data acquisition
digital storage
magnetic recording
DEU Datenaufzeichnung

data reduction
BT data handling
PT data reduction and analysis
RT curve fitting
data acquisition
data analysis
recording
spectral analysis
DEU Datenreduktion
DSY Datenreduzierung
Datenverdichtung

data representation
USE data structures

data security
USE security of data

data structures
BT file organisation
NT abstract data types
data description
data models
spatial data structures
tree data structures
SY *Bloom filters*
data abstraction
data representation
RT Big Data
decision diagrams
program control structures
relational databases
search problems
trees (mathematics)
type theory
DEU Datenstruktur

data tables
USE collections of physical data

data transfer formats
USE electronic data interchange

data transmission equipment
USE data communication equipment

data visualisation
BT computer graphics
SY *data visualization*
scientific visualisation
UF *visual analytics / data analysis + data visualisation*
SY *visualisation of data*
PT computer graphics
RT program visualisation
surface fitting
user interfaces
DEU bildliche Datendarstellung

data visualization
USE data visualisation

data warehouses
BT very large databases
SY *data marts*
PT very large databases
RT Big Data
business data processing
data mining
decision support systems
distributed databases
knowledge management
meta data
DEU Data-Warehouse
DSY Datenwarenhaus

data-flow machines
USE data flow computing

Data-Warehouse
DEU for data warehouses

database indexing
BT database management systems
indexing
RT database languages
DEU Datenbankindexierung

database languages
BT programming languages
NT query languages
SY *data manipulation languages*
PT query languages
RT database indexing
DEU Datenbanksprache

database machines
BT database management systems
special purpose computers
PT database management systems
special purpose computers
DEU Datenbankmaschine

database management systems
BT file organisation
information systems
NT active databases
audio databases
database indexing
database machines
database theory
deductive databases
distributed databases
meta data
multimedia databases
object-oriented databases
relational databases
statistical databases
temporal databases
very large databases
visual databases
SY *data dictionaries*
UF *databases / database management systems + information services*
SY *DBMS*
UF *fourth-generation languages / application generators + database*

management systems + high level languages + programming environments + query languages + report generators + simulation languages + specification languages
SY *hierarchical databases*
network databases
PT file organisation
management information systems
RT application generators
concurrency control
customer relationship management
data integration
data integrity
data models
decision support systems
geographic information systems
group decision support systems
hypermedia
integrated software
multimedia systems
query languages
query processing
systems re-engineering
transaction processing
DEU Datenbankmanagementsystem

database querying
USE query languages
\+ query processing

database theory
BT computation theory
database management systems
PT database management systems
RT audio databases
data integration
data models
distributed databases
meta data
programming theory
query processing
relational algebra
relational databases
search problems
temporal logic
DEU Datenbanktheorie

databases
USE database management systems
\+ information services

databases, online
USE information retrieval systems
\+ information services

DATALOG
BT logic programming languages
query languages
PT query languages
RT deductive databases
query processing
DEU DATALOG (Abfragesprache)

DATALOG (Abfragesprache)
DEU for DATALOG

Dateinamendienst
DEU for naming services

Dateiorganisation
DEU for file organisation

Dateiverwaltung
DEU for file management

Daten-Privatsphäre
DEU for data privacy

Datenanalyse
DEU for data analysis

Datenanpassung
DEU for data assimilation

Datenaufbereitung
DEU for data preparation

Datenaufzeichnung
DEU for data recording

Datenaufzeichnung (geophysikalisch)
DEU for proxy records (geophysical)

Datenaustausch
DEU for electronic data interchange

Datenbankindexierung
DEU for database indexing

Datenbankmanagementsystem
DEU for database management systems

Datenbankmaschine
DEU for database machines

Datenbanksprache
DEU for database languages

Datenbanktheorie
DEU for database theory

Datenbaumstruktur
DUS für tree data structures

Datenbearbeitung
DEU for data handling

Datenbearbeitungsausrüstung
DEU for data preparation equipment

Datenbearbeitungsausstattung
DUS für data preparation equipment

Datenbearbeitungseinheit
DUS für data preparation equipment

Datenbearbeitungseinrichtung
DUS für data preparation equipment

Datenbehandlung
DUS für data handling

Datenbeschreibung
DEU for data description

Datendurchsatzrechner
DUS für data flow computing

Datendurchsuche
DEU for data mining

Dateneinhüllanalyse
DEU for data envelopment analysis

Datenerfassung
DEU for data acquisition

Datenerfassungssystem
DEU for data loggers

Datenermittlung
DUS für data mining

Datenflussanalyse
DEU for data flow analysis

Datenflussbild
DEU for data flow graphs

Datenflussplan
DUS für data flow graphs

Datenflussrechner
DUS für data flow computing

Datenfunksystem
DEU for radio data systems

Datengewinnung
DUS für data mining

Datenhandschuh
DEU for data gloves

Datenintegration
DEU for data integration

Datenintegrität
DEU for data integrity

Datenkapselung
DEU for data encapsulation

Datenkommunikation
DEU for data communication

Datenkommunikationsausrüstung
DEU for data communication equipment

Datenkommunikationsausstatung
DUS für data communication equipment

Datenkommunikationseinheit
DUS für data communication equipment

Datenkommunikationseinrichtung
DUS für data communication equipment

Datenkompression
DEU for data compression

Datenkonvertierung
DEU for data conversion

Datenmodell
DEU for data models

Datenreduktion
DEU for data reduction

Datenreduzierung
DUS für data reduction

Datensammlung
DEU for collections of physical data

Datensammlung
DUS für data assimilation

Datensatz (geophysikalisch)
DUS für proxy records (geophysical)

Datenschutz
DEU for data protection

Datensicherheit
DEU for security of data

Datensicherung
DUS für data protection

Datenspeicher
DEU for information storage

Datenstruktur
DEU for data structures

Datensuche
DUS für data mining

Datenunversehrtheit
DUS für data integrity

Datenverarbeitung
DUS für data handling

Datenverarbeitung im Bildungssystem
DUS für educational administrative data processing

Datenverarbeitung im Einzelhandel
DEU for retail data processing

Datenverarbeitung in der Ausbildungsverwaltung
DUS für educational administrative data processing

Datenverarbeitung in der Geophysik
DUS für geophysics computing

Datenverarbeitungsindustrie
DEU for DP industry

Datenverarbeitungsorganisation
DEU for DP management

Datenverarbeitung
DEU for data processing

Datenverdichtung
DUS für data reduction

Datenvollständigkeit
DUS für data integrity

Datenvorbereitung
DUS für data preparation

Datenwarenhaus
DUS für data warehouses

Datenzuverlässigkeit
DUS für security of data

dating, Earth
USE geochronology

dating, radioactive
USE radioactive dating

Dauerfestigkeit
DEU for durability

Dauerfrostboden
DEU for permafrost

dauerhafte Systemzuverlässigkeit
DEU for consecutive system reliability

Dauerhaftigkeit
DUS für durability

Dauerhaltbarkeit
DUS für durability

Dauermagnet
DEU for permanent magnets

Dauermagnetmotor
DEU for permanent magnet motors

Dauerschwingprüfung
DEU for fatigue testing

Dauerschwingtest
DUS für fatigue testing

DAV stars
USE variable stars
\+ white dwarfs

Davydov splitting
BT spectral line breadth
SY *Davydov states*
PT spectral line breadth
DEU Davydov-Teilung

Davydov states
USE Davydov splitting

Davydov-Teilung
DEU for Davydov splitting

dawn chorus
USE atmospherics

dayglow
USE airglow

daylighting
BT lighting
PT lighting
RT brightness
optical windows
sunlight
DEU Tageslicht

Db (chemical element)
USE dubnium
DEU Db (chemisches Element)

Db (chemisches Element)
DEU for Db (chemical element)

DB stars
USE white dwarfs

DB-type variables
USE variable stars
+ white dwarfs

DBMS
USE database management systems

DBR
USE distributed Bragg reflectors

DBR lasers
USE distributed Bragg reflector lasers

DBS
USE direct broadcasting by satellite

DC amplifiers
BT amplifiers
SY *direct coupled amplifiers*
direct current amplifiers
DEU Gleichstromverstärker

DC generators
BT DC machines
electric generators
NT homopolar generators
SY *amplidynes*
direct current generators
dynamos
rotating amplifiers
RT equalisers
DEU Gleichstromgenerator

DC machines
BT electric machines
NT DC generators
DC motors
homopolar machines
SY *direct current machines*
RT commutators
DEU Gleichstrommaschine

DC motor drives
BT DC motors
motor drives
PT DC motors
electric drives
variable speed drives
RT variable speed drives
DEU Gleichstromantrieb
DSY Gleichstromantriebsmotor

DC motor protection
BT DC motors
motor protection
PT DC motors
machine protection
DEU Gleichstrommotorschutz

DC motors
BT DC machines
electric motors
NT brushless DC motors
DC motor drives
DC motor protection
homopolar motors
SY *direct current motors*
UF *starter motors (automotive) / automotive components + DC motors + starting*
RT brushless machines
variable speed drives
DEU Gleichstrommotor

DC power transmission
BT power transmission
NT HVDC power transmission
SY *direct current power transmission*
DEU Gleichstromübertragung

DC sputter deposition
USE sputter deposition

DC sputtered coatings
USE sputtered coatings

DC sputtering
USE sputtering

DC stars
USE white dwarfs

DC to AC invertors
USE invertors

DC transformers
BT transformers
PT transformers
DEU Gleichstromtransformator

DC transmission networks
BT transmission networks
RT HVDC power transmission
DEU Gleichstromübertragungsnetz

DC-AC power converters
USE DC-AC power convertors

DC-AC power convertors
BT power convertors
SY *DC-AC power converters*
PT power convertors
RT HVDC power convertors
invertors
power electronics
power supplies to apparatus
power supply circuits
PWM invertors
resonant invertors
DEU Gleichstrom-Wechselstrom-Konverter
DSY Gleichstrom-Wechselstrom-Umrichter
Gleichstrom-Wechselstrom-Wechselrichter
Leistungswechselrichter

DC-DC power converters
USE DC-DC power convertors

DC-DC power convertors
BT power convertors
NT maximum power point trackers
SY *Cuk converters*
Cuk convertors
DC-DC power converters
PT power convertors
RT charge pump circuits
power electronics
power supplies to apparatus
power supply circuits
resonant power convertors
DEU Leistungsgleichspannungswandler

DCFC
USE direct carbon fuel cells

DCFL
USE direct coupled FET logic

DCOM
USE distributed object management

DCT
USE discrete cosine transforms

DDA
USE digital differential analysers

DDC
USE direct digital control

DDoS attacks
USE computer network security

DDS
USE direct digital synthesis

de Broglie waves
USE wave mechanics

de Haas-van Alphen effect
BT magnetic field effects
RT diamagnetic materials
diamagnetism
Fermi surface
magnetic susceptibility
DEU De-Haas-van-Alphen-Effekt

De-Haas-van-Alphen-Effekt
DEU for de Haas-van Alphen effect

de-icing
BT maintenance engineering
SY *deicing*
RT air safety
aircraft
freezing
ice
insulators
melting
overhead line conductors
power overhead lines
railway engineering
railway safety
road safety
roads
DEU Enteisung

deadlocks (computers)
USE concurrency control
\+ operating systems (computers)
\+ system recovery

deaeration
BT manufacturing processes
SY *degasification (industrial)*
RT antibacterial activity
boilers
bubbles
cavitation
chemical technology
corrosion protection
dissolving
maintenance engineering
separation
solubility
water treatment
DEU Entgasung
DSY Entlüftung
Luftabscheidung
Luftentzug

dealer workstations
USE executive workstations

debit transactions
BT accounting
UF *Connect card / debit transactions + plastic cards*
UF *Switch card / debit transactions + plastic cards*
PT accounting
EFTS
RT commerce
credit transactions
EFTS
plastic cards
smart cards
DEU Debitorentransaktion
DSY Debitorenüberweisung

Debitorentransaktion
DEU for debit transactions

Debitorenüberweisung
DUS für debit transactions

deBruijn networks
USE hypercube networks

Debugging (Programmierung)
DEU for program debugging

debugging, computer
USE computer debugging

debugging, program
USE program debugging

deburring
BT surface finishing
RT cutting
drilling
machining
DEU Abgraten
DSY Entgraten

Debye temperature
BT temperature
SY *characteristic temperature*
X-ray characteristic temperature
RT specific heat
DEU Debye-Temperatur

Debye-Huckel theory
PT electrical conductivity of electrolytic liquids
electrochemistry
RT electrochemistry
plasma theory
solutions
DEU Debye-Huckel-Theorie

Debye-Huckel-Theorie
DEU for Debye-Huckel theory

Debye-Huckel-Thomas-Fermi-Dirac model
USE plasma theory

Debye-Scherrer cameras
USE cameras
\+ X-ray apparatus
\+ X-ray crystallography

Debye-Temperatur
DEU for Debye temperature

Debye-Waller factors
PT lattice dynamics
RT electron diffraction crystallography
X-ray crystallography
DEU Debye-Waller-Faktor

Debye-Waller-Faktor
DEU for Debye-Waller factors

DEC computers
BT digital computers
SY *Digital Equipment Corporation computers*
PDP computers
Rainbow computers
VAX computers
PT minicomputers
RT mainframes
microcomputers
minicomputers

DEU DEC-Computer

DEC-Computer
DEU for DEC computers

decay periods (radioactive)
USE radioactive decay periods

decay schemes (radioactive)
USE radioactive decay schemes

decay theory (nuclear)
USE nuclear decay theory

decentralised control
BT automation
PT distributed control
multivariable control systems
RT distributed control
multivariable control systems
DEU dezentrale Steuerung

decentralised systems
USE multivariable systems

decidability
BT formal logic
PT computability and decidability
RT computability
DEU Entscheidbarkeit

decision circuits
BT digital circuits
RT integrated logic circuits
multiplexing equipment
optical fibre communication
DEU Alternativschaltkreis
DSY Alternativschaltung

decision diagrams
BT diagrams
NT binary decision diagrams
SY *ternary decision diagrams*
RT Boolean functions
data structures
decision theory
directed graphs
formal verification
logic design
DEU Entscheidungsdiagramm

decision feedback communication
USE automatic repeat request

decision feedback equalisers
BT equalisers
SY *decision feedback equalizers*
DFE
PT equalisers
RT adaptive equalisers
adaptive filters
blind equalisers
feedback
DEU Entscheidungsrückkopplungsentze
rrer

decision feedback equalizers
USE decision feedback equalisers

decision making
NT analytic hierarchy process
distributed decision making
RT decision support systems
decision theory
management
TOPSIS
DEU Beschlussfassung
DSY Entscheiden
Entscheidungsfindung
Fällen einer Entscheidung

decision support systems
BT management information systems
NT group decision support systems
negotiation support systems
PT management information systems
RT analytic hierarchy process
competitive intelligence
data warehouses
database management systems
decision making
distributed decision making
emergency management
expert systems
DEU Entscheidungsunterstützungssyste
m

decision tables
BT charts
system documentation
SY *tables (decision)*
DEU Entscheidungstabelle

decision theory
BT statistics
NT distributed decision making
TOPSIS
utility theory
PT decision theory and analysis
RT analytic hierarchy process
Bayes methods
data envelopment analysis
decision diagrams
decision making
decision trees
dynamic programming
game theory

infinite horizon
information theory
optimal control
quality control
random processes
scheduling
search problems
signal processing
stochastic processes
systems analysis
DEU Entscheidungstheorie

decision trees
BT trees (mathematics)
PT trees (mathematics)
RT binary decision diagrams
decision theory
learning (artificial intelligence)
DEU Entscheidungsbaum

Decke (Bau)
DEU for floors

Decke (Bauwerksteil)
DEU for ceilings

decode and forward communication
BT telecommunication
RT channel coding
cooperative communication
decoding
diversity reception
protocols
radio networks
relay networks (telecommunication)
DEU Dekodier- und-Vorwärtskommunikation

Decodierung
DEU for decoding

decoding
BT information theory
NT adaptive decoding
iterative decoding
maximum likelihood decoding
sequential decoding
Viterbi decoding
UF *coding/decoding / decoding* + *encoding (general)*
RT algebraic codes
algebraic geometric codes
amplify and forward communication
binary codes
channel coding
codecs
concatenated codes
cyclic redundancy check codes
decode and forward communication
demodulation
encoding (general)
Galois fields
geometric codes
Golay codes
Goppa codes
interleaved codes
linear codes
parity check codes
product codes
Reed-Muller codes
residue codes
space-time codes
speech codecs
variable length codes
variable rate codes
video codecs
DEU Decodierung

decommissioning (fission reactors)
USE fission reactor decommissioning

decommissioning (nuclear facilities)
USE nuclear facility decommissioning

decomposition
NT spinodal decomposition
SY *peritectic transformations*
RT precipitation
solid-state phase transformations
DEU Abbau
DSY Zerlegung
Zersetzung

decomposition, spinodal
USE spinodal decomposition

decomposition, thermal
USE pyrolysis

decontamination
BT cleaning
NT radiation decontamination
UF *remediation (environmental) / contaminated site remediation* + *decontamination* + *pollution control*
RT chemical technology
contamination
ozonation (materials processing)
pollution control
purification
scrubbers (materials handling)
surface contamination

DEU Dekontamination

deconvolution
BT signal processing
PT signal processing
RT convolution
DEU Dekonvolution
DSY Entfaltung

decorative coatings
BT coatings
NT paints
PT films
thin films
RT anodised layers
enamels
metallisation
DEU dekorative Beschichtung
DSY dekorativer Überzug

decorrelation
BT correlation methods
PT correlation methods
correlation theory
RT acoustic correlation
correlation theory
information theory
optical correlation
signal processing
DEU Dekorrelation

DECT
USE cordless telephone systems

dedicated computers
USE special purpose computers

deductive databases
BT database management systems
SY *intelligent databases*
KBMS
knowledge base management systems
PT database management systems
RT active databases
data mining
DATALOG
knowledge based systems
logic programming
DEU deduktive Datenbank

deductive inference
USE inference mechanisms

deduktive Datenbank
DEU for deductive databases

deep drawing
BT drawing (mechanical)
PT drawing (mechanical)
RT forming processes
plastic deformation
DEU Tiefzeihen

deep fields (astronomical)
USE astronomical surveys

deep impurities
USE deep levels
\+ impurity states

deep inelastic heavy ion reactions
BT deep inelastic scattering
heavy ion-nucleus reactions
PT heavy ion-nucleus reactions
DEU tiefunelastische Schwerionenreaktion

deep inelastic scattering
BT lepton-nucleon interactions
nuclear reactions and scattering
NT deep inelastic heavy ion reactions
deeply virtual Compton scattering
DEU tiefunelastische Streuung

deep level transient spectra
USE deep level transient spectroscopy

deep level transient spectroscopy
BT spectroscopy
SY *deep level transient spectra*
DLTS
transient capacitance spectroscopy
PT deep levels
spectroscopy
RT capacitance
deep levels
defect states
impurity states
DEU DLTS-Spektroskopie
DSY Niedrigenergieniveau-Spektroskopie
Niedrigenergieniveauspektroskopie

deep levels
BT localised states
UF *deep impurities / deep levels + impurity states*
PT deep impurities
defect electron energy states
RT deep level transient spectroscopy
defect states
impurity states
DEU Tiefniveau

deep space communications
USE space communication links

deep-UV lithography
USE ultraviolet lithography

deeply virtual Compton scattering
BT Compton effect
deep inelastic scattering
SY *DVCS*
PT Compton effect
DEU tiefere virtuelle Compton-Streuung

default reasoning
USE nonmonotonic reasoning

DEFC
USE direct ethanol fuel cells

defeasible reasoning
USE nonmonotonic reasoning

defect absorption spectra
BT spectra (general)
PT impurity and defect absorption spectra of inorganic solids
impurity and defect absorption spectra of solids
RT crystal defects
defect states
impurity absorption spectra
localised modes
DEU Fehlabsorptionsspektrum
DSY Fehlerabsorptionsspektrum

defect electron energy states
USE defect states

defect states
BT localised states
NT colour centres
SY *defect electron energy states*
PT defect electron energy states
RT crystal defects
dangling bonds
deep level transient spectroscopy
deep levels
defect absorption spectra
impurity states
DEU Defektzustand

defect vibrational modes
USE localised modes
\+ phonon-impurity interactions

defect-impurity interactions
USE impurity-defect interactions

defect-phonon interactions
USE phonon-defect interactions

defected ground structures
RT band-pass filters
electromagnetic metamaterials
low-pass filters
microstrip filters
microstrip lines
microwave metamaterials
terahertz metamaterials
DEU Defected-Ground-Struktur

Defected-Ground-Struktur
DEU for defected ground structures

defectoscopy
USE flaw detection

defects, crystal
USE crystal defects

defects, noncrystalline
USE noncrystalline defects

Defektelektronenspannungsabfall
DEU for electron-hole drops

Defektelektronrekombination
DEU for electron-hole recombination

Defektzustand
DEU for defect states

defence industry
BT industries
SY *defense industry*
military industry
RT government policies
military aircraft
military equipment
military systems
missiles
national security
naval engineering
weapons
DEU Verteidigungsindustrie

defense industry
USE defence industry

Defibrillator
DEU for defibrillators

defibrillators
BT biomedical electronics
RT bioelectric phenomena
biomedical electrodes
cardiology
electrocardiography
pacemakers
patient treatment
prosthetics
DEU Defibrillator

Definitionsliste
DUS für glossaries

Deflation (Geldwert)
DEU for deflation (monetary)

deflation (monetary)
BT economic indicators
RT economic cycles
inflation (monetary)
investment
DEU Deflation (Geldwert)

deformation lines
USE Luders bands

deformation measurement
USE deformation
\+ mechanical variables measurement

deformation
BT mechanical properties
NT bending
creep
elastic deformation
plastic deformation
shape memory effects
shear deformation
UF *deformation measurement / deformation + mechanical variables measurement*
RT cold working
drawing (mechanical)
elongation
extrusion
magnetomechanical effects
metallurgy
recovery
rolling
stress effects
tensile strength
thermomechanical treatment
torsion
DEU Verformung

deformed nuclei
BT nucleus
NT nuclear superdeformed states
UF *nuclear deformation / deformed nuclei + nuclear shape*
PT nuclear shape
RT nuclear shape
DEU deformierte Atomkern

deformierte Atomkern
DEU for deformed nuclei

degasification (industrial)
USE deaeration

degenerate four wave mixing
USE multiwave mixing

degenerate semiconductors
BT semiconductor materials
semiconductors
NT superconducting semiconductors
PT semiconductor materials
semiconductors
RT band structure
heavily doped semiconductors
DEU entarteter Halbleiter

Dehnung
DUS für elongation

Dehnungs-Spannungs-Relation
DEU for stress-strain relations

Dehnungs-Spannungs-Verhalten
DUS für stress-strain relations

Dehnungsmesser
DEU for extensometers

Dehnungsmessgerät
DUS für extensometers

Dehnungsmesssensor
DEU for strain sensors

Dehnungsmessung
DEU for strain measurement

Dehnungssensor
DUS für strain sensors

Dehnung
DEU for strain

dehydration (chemical reactions)
USE dissociation

dehydration (desiccation process)
USE drying

deicing
USE de-icing

dekatrons
USE cold-cathode tubes

Dekodier- und-Vorwärtskommunikation
DEU for decode and forward communication

Dekontamination
DEU for decontamination

Dekonvolution
DEU for deconvolution

dekorative Beschichtung
DEU for decorative coatings

dekorativer Überzug
DUS für decorative coatings

Dekorrelation
DEU for decorrelation

delamination
BT composite material interfaces
mechanical properties
RT interface phenomena
laminates
DEU Abblättern
DSY Ablösung
Abschälung
Abschieferung
Delamination
Delaminierung
Entlaminisierung
Schichtablösung
Schichtentrennung
Schichttrennung

Delamination
DUS für delamination

Delaminierung
DUS für delamination

Delaunay triangulation
USE mesh generation

delay circuits
BT networks (circuits)
NT delay filters
delay lines
delay lock loops
SY *time delay circuits*
RT comparators (circuits)
delay systems
delays
phase shifters
time-digital conversion
DEU Verzögerungsschaltung

delay estimation
BT delays
parameter estimation
PT delays
parameter estimation
RT estimation theory
maximum likelihood estimation
signal processing
time-of-arrival estimation
DEU Verzögerungswahrnehmung

delay filters
BT delay circuits
filters
NT linear phase filters
PT delay circuits
RT pulse compression
DEU Verzögerungsfilter

delay lines
BT delay circuits
NT acoustic delay lines
optical delay lines
DEU Verzögerungsleitung

delay lock loops
BT delay circuits
PT delay circuits
RT delays
demodulation
modulation
phase locked loops
DEU Verzögerungseingriff

delay systems
BT control systems
NT delay-differential systems
PT delay-differential systems
delays
RT delay circuits
delays
DEU Wartesystem

delay tolerant networks
BT telecommunication networks
RT ad hoc networks
computer networks
Internet
mobile radio
overlay networks
routing protocols
space communication links
telecommunication network reliability
telecommunication network routing
DEU verzögerungstolerantes Netz

delay-differential systems
BT delay systems
SY *differential delay systems*
PT control systems
delays
differential equations
distributed parameter systems
RT control systems
delays
differential equations
distributed parameter systems
DEU Verzögerungs-Differential-System

delayed alpha particles
BT alpha-particles
PT alpha-particles
RT alpha-decay
radioactive decay schemes
DEU verzögertes Alphapartikel
DSY verzögertes Alphateilchen

delayed neutrons
BT neutrons
PT neutrons
RT beta-decay
fission
nuclear binding energy
DEU verzögertes Neutron

delayed protons
BT protons
PT protons
RT beta-decay
nuclear binding energy
proton emission decay
DEU verzögertes Proton

delays
NT delay estimation
SY *time delays*
time lag
RT delay circuits
delay lock loops
delay systems
delay-differential systems
distributed parameter systems
networked control systems
DEU Aufschub
DSY Verspätung
Verzögerung

Deliotte Haskins und Sells
DEU for Deloitte Haskins & Sells

Deloitte Haskins & Sells
DEU Deliotte Haskins und Sells

Delphi method
USE forecasting theory

Delta baryons
BT baryons
PT baryon resonances
baryons
RT baryon resonances
N baryons
DEU Delta-Baryon

delta Cep stars
USE variable stars

delta Del stars
USE chemically peculiar stars
\+ giant stars

delta modulation
BT pulse modulation
NT delta-sigma modulation
sigma-delta modulation
UF *adaptive delta modulation / adaptive modulation + delta modulation*
SY *continuously variable slope delta modulation*
CVSDM
RT differential pulse code modulation
pulse code modulation
DEU Delta-Modulation

delta Sct stars
USE variable stars

Delta-Baryon
DEU for Delta baryons

Delta-Modulation
DEU for delta modulation

delta-sigma modulation
BT delta modulation
digital-analogue conversion
PT delta modulation
digital-analogue conversion
sigma-delta modulation
RT sigma-delta modulation
DEU Delta-Sigma-Modulation

Delta-Sigma-Modulation
DEU for delta-sigma modulation

demagnetisation
BT magnetism
SY *demagnetization*
PT magnetisation
RT magnetic fields
magnetisation
DEU Entmagnetisierung

demagnetisation, adiabatic
USE magnetic cooling

demagnetization
USE demagnetisation

demagnetization, adiabatic
USE magnetic cooling

demand assigned multiple access
BT access protocols
multi-access systems
SY *DAMA*
PT multi-access systems
RT multiplexing
DEU bedarfszugewiesener
Mehrfachzugriff

demand forecasting
BT production planning
RT forecasting theory
stock control
DEU Bedarfsvorhersage

demand side management
BT load management
SY *DSM*
PT load management
RT battery storage plants
energy management systems
load dispatching
load distribution
load flow
load regulation
load shedding
power consumption
power system control
power systems
SCADA systems
DEU Bedarfsmanagement

Dember effect
BT photoelectricity
SY *photodiffusion effects*
PT photoelectromagnetic effects
RT photovoltaic effects
DEU Dember-Effekt

Dember-Effekt
DEU for Dember effect

demodulation
SY *detection (demodulation)*
UF *modulation/demodulation /*
demodulation + *modulation*
RT adaptive modulation
amplitude modulation
angle modulation
decoding
delay lock loops
demodulators
detector circuits
differential detection
frequency modulation
heterodyne detection
homodyne detection
intermodulation
modulation
OFDM modulation
phase modulation
radio receivers
receivers
sensors
signal detection
transceivers
DEU Demodulation

Demodulation
DEU for demodulation

Demodulator
DEU for demodulators

demodulators
BT networks (circuits)
NT modems
RT active networks
amplitude modulation
angle modulation
continuous phase modulation
demodulation
detector circuits
discriminators
frequency modulation
limiters
mixers (circuits)

modulation
modulators
phase locked loops
phase modulation
pulse amplitude modulation
pulse code modulation
pulse frequency modulation
pulse modulation
pulse position modulation
pulse time modulation
pulse width modulation
radio equipment
receivers
transceivers
DEU Demodulator

Demografie
DEU for demography

demography
BT social sciences
SY *census*
PT social and behavioural sciences
statistical analysis
RT geography
socio-economic effects
statistical analysis
DEU Demografie

demonstrations
USE student experiments

demontagegerechte Konstruktion
DEU for design for disassembly

demontagegerechtes Design
DUS für design for disassembly

Dempster-Shafer theory
USE inference mechanisms
\+ uncertainty handling

Demultiplexen
DEU for demultiplexing

Demultiplexer
DEU for demultiplexing equipment

demultiplexers
USE demultiplexing equipment

Demultiplexieren
DUS für demultiplexing

demultiplexing
BT telecommunication switching
PT multiplexing
RT demultiplexing equipment
multiplexing
telecommunication
DEU Demultiplexen
DSY Demultiplexieren

demultiplexing equipment
BT telecommunication equipment
SY *demultiplexers*
PT multiplexing equipment
RT demultiplexing
multiplexing equipment
DEU Demultiplexer

Dendrit
DEU for dendrites

dendrites
BT crystals
SY *dendritic crystals*
RT crystal growth
crystallisation
DEU Dendrit

dendritic crystals
USE dendrites

dendritic structure
BT crystal microstructure
PT crystal microstructure
DEU dendritisches Gefüge

dendritisches Gefüge
DEU for dendritic structure

dendrochronology
USE geochronology

Denial of Service attacks
USE computer network security

Denim
USE cotton fabrics

denotational semantics
USE programming language semantics

dense fluids, theory
USE liquid theory

dense wavelength division multiplexing
USE wavelength division multiplexing

densification
PT density of solids
sintering
RT compaction
density
net shape forming

powder technology
powders
sintering
DEU Verdichten
DSY Verdichtung
Verfestigen
Verfestigung

densimeters
USE densitometry

densitometers
USE densitometry

Densitometrie
DEU for densitometry

densitometry
BT optical variables measurement
SY *densimeters*
densitometers
UF *microphotometers / densitometry*
+ photometers
RT biomedical measurement
computerised tomography
diagnostic radiography
light absorption
photometers
photometry
DEU Densitometrie

density
BT mechanics
NT plasma density
SY *molar volume*
relative density
specific gravity
specific volume
vapour density
RT acoustic metamaterials
buoyancy
densification
density control
density measurement
porosity
shrinkage
transparency
DEU Dichte (allgemein)

density control
BT mechanical variables control
RT density
density measurement
DEU Dichtekontrolle
DSY Dichteregelung
Dichtesteuerung
Dichteüberwachung
Überwachung der Dichte

density functional theory
SY *Dmol*
local density approximation
local spin density approximation
RT band theory
exchange interactions (electron)
functional analysis
DEU Dichtefunktionaltheorie

density measurement
BT measurement
UF *gravimetry / density measurement*
+ weighing
SY *specific gravity measurement*
RT density
density control
hydrometers
DEU Dichtemessung

density of states, electron
USE electronic density of states

density, atmospheric
USE terrestrial atmosphere

dentistry
BT medicine
UF *orthodontics / dentistry* + *orthotics*
SY *teeth*
RT bioceramics
biomedical materials
patient diagnosis
patient treatment
DEU Zahnmedizin

deployable structures
BT shapes (structures)
PT shapes (structures)
RT aerospace components
flexible structures
hinges
inflatable structures
lightweight structures
mechanical products
parachutes
springs (mechanical)
structural engineering
supports
DEU bewegliche Form
DSY bewegliche Struktur
zerlegbare Form
zerlegbare Struktur

deposition techniques
USE coating techniques
\+ liquid phase deposition
\+ vapour deposition

depot location
USE facility location

depreciation
BT cost accounting
RT financial management
DEU Abschreibung
DSY Abschreibungsmöglichkeit
Abschreibungsnorm
Abschreibungsverfahren
Ansparabschreibung
außergewöhnliche Abschreibung
außerplanmäßige Abschreibung
kalkulatorische Abschreibung
planmäßige Abschreibung
Sonder-AfA
Sonderabschreibung
Teilwertabschreibung

deprotonation
USE dissociation

depth first search
USE tree searching

depth measurement
USE bathymetry
+ spatial variables measurement

derailments
USE railway accidents

Deregulierung der Energiewirtschaft
DEU for electricity supply industry deregulation

dermatology
USE skin

desalination
BT water treatment
SY *desalting*
salt water conversion
PT water treatment
RT reverse osmosis
salinity (geophysical)
seawater
separation
DEU Entsalzung

desalting
USE desalination

descent (spacecraft)
USE entry, descent and landing (spacecraft)

describing functions
BT functions
RT control system analysis
control system synthesis
nonlinear systems
numerical analysis
Nyquist diagrams
on-off control
DEU Beschreibungsfunktion

description logic
BT formal languages
knowledge representation languages
PT formal logic
RT formal logic
inference mechanisms
ontologies (artificial intelligence)
semantic Web
DEU Beschreibungslogik

descriptors
USE vocabulary

desiccation
USE drying

design
NT CAD
design aids
design engineering
design of experiments
fission reactor design
fusion reactor design
integrated circuit design
logic design
optical design techniques
printed circuit design
process design
product design
technical drawing
user centred design
Web design
RT computer graphics
ergonomics
industrial engineering
technology
DEU Design
DSY Entwurf
Formgebung
Formgestaltung
Gestaltung

design aids
BT design
RT charts
design engineering
diagrams

DEU Entwurfshilfsmittel
DSY Gestaltungshilfsmittel

design automation
USE electronic design automation

design data management
USE design engineering
\+ visual databases

design engineering
BT design
engineering
NT design for environment
design for manufacture
design for quality
design for testability
product development
prototypes
reverse engineering
virtual prototyping
UF *design data management / design engineering + visual databases*
RT building standards
concurrent engineering
design aids
design of experiments
integrated circuit design
printed circuit design
project engineering
DEU Entwurfstechnik

design for disassembly
BT design for environment
UF *disassembly / assembling + design for disassembly + recycling*
UF *ecodesign / design for disassembly + design for environment*
UF *sustainable design / design for disassembly + design for environment*
PT design for environment
recycling
RT pollution
recycling
DEU demontagegerechte Konstruktion
DSY demontagegerechtes Design

design for environment
BT design engineering
environmental factors
NT design for disassembly
UF *ecodesign / design for disassembly + design for environment*
UF *sustainable design / design for disassembly + design for environment*
PT design engineering
environmental factors
RT environmental management
green computing
pollution
printed circuit design
DEU umweltfreundliche Konstruktion
DSY umweltgerechte Konstruktion

design for manufacture
BT design engineering
RT CAD/CAM
circuit CAD
computer integrated manufacturing
design for testability
integrated circuit design
integrated circuit manufacture
printed circuit design
printed circuit manufacture
production engineering computing
DEU fertigungsgerechtes Konstruieren

design for quality
BT design engineering
RT product design
product quality
quality assurance
quality control
software quality
DEU Entwurf für Qualität
DSY qualitätsgereches Design
qualitätsgerechter Entwurf

design for testability
BT design engineering
SY *DFT (design)*
RT application specific integrated circuits
automatic test pattern generation
automatic testing
built-in self test
circuit CAD
design for manufacture
electronic equipment testing
integrated circuit design
integrated circuit testing
logic design
logic testing
printed circuit design
printed circuit testing
DEU prüfgerechte Entwurfsregel
DSY prüfgerechter Entwurf
prüfgerechtes Konzept

Design gedruckter Schaltungen
DEU for printed circuit design

design of experiments
BT design
statistical analysis
SY *experimental design*
statistical design of experiments
RT CAD
design engineering
optimisation
quality control
response surface methodology
statistical process control
Taguchi methods
DEU Experimententwurf
DSY Experimentgestaltung
Gestaltung von Experimenten

design patterns (software)
USE object-oriented methods
\+ object-oriented programming

Design
DEU for design

desk calculators
USE calculating apparatus
\+ electronic calculators
DEU Tischrechner

desk-top computers
USE microcomputers

desktop publishing
BT publishing
PT electronic publishing
RT document handling
electronic publishing
page description languages
word processing
DEU Desktop-Publishing

Desktop-Publishing
DEU for desktop publishing

desorption
BT sorption
NT electron stimulated desorption
photon stimulated desorption
thermally stimulated desorption
RT outgassing
DEU Desorption

Desorption
DEU for desorption

desoxyribonucleic acids
USE DNA

Destillation
DEU for distillation

Destillationsausrüstung
DEU for distillation equipment

Destillierausrüstung
DUS für distillation equipment

detection (demodulation)
USE demodulation

detector circuits
BT networks (circuits)
NT peak detectors
phase detectors
RT demodulation
demodulators
phase locked loops
readout electronics
DEU Detektionsanlage
DSY Detektorkreis
Detektorschaltkreis
Detektorschaltung
Erkennungsschaltung
Messschaltung
Suchschaltung

detectors
USE sensors

Detektion vergrabener Objekte
DEU for buried object detection

Detektion von Rissen
DEU for crack detection

Detektionsanlage
DEU for detector circuits

Detektorkreis
DUS für detector circuits

Detektorschaltkreis
DUS für detector circuits

Detektorschaltung
DUS für detector circuits

Detergent
DEU for detergents

detergents
BT chemical products
organic compounds
surfactants
RT laundering
soaps
DEU Detergent
DSY Waschmittel

Determinante
DEU for determinants

determinants
BT linear algebra
SY *inners*
PT matrix algebra
RT matrix algebra
DEU Determinante

deterministic algorithms
BT algorithm theory
PT algorithm theory
DEU deterministischer Algorithmus

deterministic automata
BT automata theory
PT automata theory
DEU deterministischer Automat

deterministischer Algorithmus
DEU for deterministic algorithms

deterministischer Automat
DEU for deterministic automata

detonation
RT combustion
detonation waves
explosions
explosives
fuzes (detonation)
shock waves
DEU Detonation
DSY Sprengung
Zündung

detonation spraying
USE spray coating techniques

detonation waves
BT shock waves
SY *blast waves*
PT shock waves
RT detonation
explosions
shock wave effects
DEU Detonationswelle

Detonationswelle
DEU for detonation waves

Detonation
DEU for detonation

deuteration
USE hydrogenation

deuterium
RT deuterium compounds
hydrogen
DEU Deuterium

deuterium compounds
BT hydrogen compounds
NT heavy water
RT deuterium
DEU Deuteriumverbindung

Deuteriumverbindung
DEU for deuterium compounds

Deuterium
DEU for deuterium

Deuteron
DEU for deuterons

deuteron effects
BT radiation effects
RT deuterons
DEU Deuteron-Effekt

deuteron interactions
USE deuteron-nucleus reactions

deuteron photodisintegration
BT photodisintegration
photon-deuteron interactions
RT deuterons
DEU Deuteron-Photodesintegration

deuteron polarisation
BT polarisation
SY *deuteron polarization*
RT deuterons
DEU Deuteron-Polarisation

deuteron polarization
USE deuteron polarisation

deuteron reactions
USE deuteron-nucleus reactions

deuteron scattering
USE deuteron-nucleus scattering

deuteron sources
BT ion sources
PT ion sources
RT ion beams
ion emission
DEU Deuteron-Quelle

Deuteron-Atomkern-Reaktion
DEU for deuteron-nucleus reactions

Deuteron-Atomkern-Streuung
DEU for deuteron-nucleus scattering

Deuteron-Effekt
DEU for deuteron effects

deuteron-nucleus reactions
BT nuclear reactions and scattering
SY *deuteron interactions*
deuteron reactions
PT nuclear reactions and scattering due to deuterons
RT nuclear fusion
DEU Deuteron-Atomkern-Reaktion

deuteron-nucleus scattering
BT nuclear reactions and scattering
SY *deuteron scattering*
PT nuclear reactions and scattering due to deuterons
DEU Deuteron-Atomkern-Streuung

Deuteron-Photodesintegration
DEU for deuteron photodisintegration

Deuteron-Polarisation
DEU for deuteron polarisation

Deuteron-Quelle
DEU for deuteron sources

deuterons
BT bosons
composite particles
nuclei with mass number 1 to 5
RT deuteron effects
deuteron photodisintegration
deuteron polarisation
DEU Deuteron

developers (photographic)
USE photographic materials
DSY Entwickler (Fotografie)

development management
USE research and development management

development systems
BT microcomputers
software engineering
SY *microcomputer development systems*
PT microcomputers
software engineering
RT hardware-software codesign
programming environments
DEU Entwicklungssystem

development, photographic
USE photographic process

device drivers
BT input-output programs
SY *drivers (software)*
peripheral drivers
software drivers
PT input-output programs
RT computer peripheral equipment
peripheral interfaces
DEU Gerätetrieber

Devisenhandel
DEU for foreign exchange trading

dexterous manipulators
BT manipulators
SY *multifingered hands*
PT manipulators
RT grippers
manipulator dynamics
manipulator kinematics
DEU Spezialroboter

dezentrale Steuerung
DEU for decentralised control

DF calculations
USE Dirac-Fock calculations

DFB lasers
USE distributed feedback lasers

DFB-Laser
DEU for distributed feedback lasers

DFE
USE decision feedback equalisers

DFT (design)
USE design for testability

DFT (transforms)
USE discrete Fourier transforms

DGPS
USE Global Positioning System

DH lasers
USE semiconductor lasers

DH stars
USE white dwarfs

Diagnoseergebnis
DEU for diagnostic reasoning

Diagnoseradiographie
DEU for diagnostic radiography

diagnosis, patient
USE patient diagnosis

diagnostic expert systems
BT expert systems
PT expert systems
RT diagnostic reasoning
failure analysis
medical diagnostic computing
medical expert systems
DEU diagnostisches Expertensystem

diagnostic radiography
BT biomedical imaging
radiography
X-ray imaging
SY *angiography (X-ray)*
biomedical radiography
digital radiography (medical)
kymography
medical radiography
PT radiography
RT angiocardiography
biomedical equipment
computerised tomography
densitometry
mammography
PACS
phantoms
radioisotope imaging
X-ray applications
DEU Diagnoseradiographie
DSY diagnostische Radiographie
radiographische Diagnose
radiographische Diagnostik

diagnostic reasoning
BT inference mechanisms
PT inference mechanisms
RT diagnostic expert systems
failure analysis
DEU Diagnoseergebnis
DSY diagnostische Schlussfolgerung

diagnostics, particle beam
USE particle beam diagnostics

diagnostics, plasma
USE plasma diagnostics

diagnostics, program
USE program diagnostics

Diagnostik
DEU for patient diagnosis

diagnostische Radiographie
DUS für diagnostic radiography

diagnostische Schlussfolgerung
DUS für diagnostic reasoning

diagnostisches Expertensystem
DEU for diagnostic expert systems

Diagramm
DEU for diagrams

diagrams
NT Bode diagrams
circuit diagrams
decision diagrams
Feynman diagrams
nomograms
Nyquist diagrams
phase diagrams
RT charts
design aids
equations of state
flowcharting
geometry
phase equilibrium
phase transformations
vectors
DEU Diagramm

diakoptics
USE network topology

DIAL (differential-absorption lidar)
USE optical radar

dial-up links
USE inter-computer links

dialog programming
USE interactive programming

dialog systems
USE interactive systems

Dialoggerät
DEU for interactive terminals

Dialogsystem
DEU for dialogue systems

dialogue programming
USE interactive programming

dialogue systems
USE interactive systems
DEU Dialogsystem

diamagnetic materials
BT diamagnetism
magnetic materials
PT diamagnetic properties of substances
RT cyclotron resonance
de Haas-van Alphen effect
DEU diamagnetische Material
DSY diamagnetischer Werkstoff

diamagnetic resonance
USE cyclotron resonance

diamagnetische Material
DEU for diamagnetic materials

diamagnetischer Werkstoff
DUS für diamagnetic materials

diamagnetism
BT magnetism
NT diamagnetic materials
plasma diamagnetism
RT cyclotron resonance
de Haas-van Alphen effect
Dingle temperature
Landau levels
DEU Diamagnetismus

Diamagnetismus
DEU for diamagnetism

Diamand
DEU for diamond

diamantähnlicher Kohlenstoff
DEU for diamond-like carbon

diameter measurement
BT spatial variables measurement
SY *radius measurement*
PT length measurement
RT curvature measurement
DEU Durchmesser-Messung

diamond
BT carbon
minerals
RT abrasives
wide band gap semiconductors
DEU Diamand

diamond-like carbon
BT carbon
UF *DLC / diamond-like carbon* + *discotic liquid crystals*
PT carbon
RT amorphous state
DEU diamantähnlicher Kohlenstoff

Diaphragma
DEU for diaphragms

diaphragms
BT mechanical products
SY *iris (diaphragm)*
RT nonelectric sensing devices
optical elements
valves
DEU Diaphragma

diary software
USE personal computing

diastereoisomerism
USE isomerism

diatomics in molecules calculations
USE DIM calculations

Dibaryon
DEU for dibaryons

dibaryons
BT baryon resonances
PT baryon resonances
DEU Dibaryon

dichroism
BT optical properties
NT circular dichroism
PT pleochroism
RT colour

light absorption
light refraction
photoelasticity
pleochroism
DEU Dichroismus

Dichroismus
DEU for dichroism

Dichte (allgemein)
DEU for density

Dichtefunktionaltheorie
DEU for density functional theory

Dichtekontrolle
DEU for density control

Dichtemessung
DEU for density measurement

Dichteregelung
DUS für density control

Dichtesteuerung
DUS für density control

Dichteüberwachung
DUS für density control

Dichtung
DEU for gaskets

Dichtung (Stopfen)
DEU for seals (stoppers)

Dichtungsmasse
DEU for sealing materials

Dickenmessung
DEU for thickness measurement

Dickenregelung
DEU for thickness control

Dickfilmeinrichtung
DEU for thick film devices

Dickfilmgerät
DUS für thick film devices

Dickschicht
DEU for thick films

Dickschichtinduktor
DEU for thick film inductors

Dickschichtkondensator
DEU for thick film capacitors

Dickschichtschaltung
DEU for thick film circuits

Dickschichtsensor
DEU for thick film sensors

Dickschichtwiderstand
DEU for thick film resistors

dictation
BT voice equipment
RT office automation
word processing
DEU Diktafon
DSY Diktaphon
Diktiergerät

dictionaries
PT glossaries
RT encyclopaedias
glossaries
information analysis
linguistics
literature
natural languages
publishing
thesauri
DEU Wörterbuch

die attach
USE microassembling

die bonding
USE microassembling

die casting
BT casting
NT squeeze casting
PT casting
RT dies (machine tools)
permanent mould casting
DEU Druckgießen
DSY Druckguss
Spritzgießen
Spritzguss

die steel
USE tool steel

dieelectric properties of liquids and solutions

dielectric amplifiers
USE amplifiers
\+ dielectric devices

dielectric bodies
RT dielectric materials
electromagnetic wave diffraction
electromagnetic wave scattering
permittivity
DEU dielektrischer Körper

dielectric breakdown
USE electric breakdown

dielectric constant
USE permittivity

dielectric depolarisation
BT dielectric properties
SY *dielectric depolarization*
PT dielectric properties of substances
RT dielectric polarisation
DEU dielektrische Depolarisation
DSY dielektrische Depolarisierung

dielectric depolarization
USE dielectric depolarisation

dielectric devices
NT capacitors
dielectric resonators
ferroelectric devices
piezoelectric devices
pyroelectric devices
space-charge limited devices
UF *dielectric amplifiers / amplifiers + dielectric devices*
RT dielectric materials
dielectric measurement
electrets
electrostatic devices
insulating materials
DEU dielektrischer Verstärker
DSY dielektrisches Gerät

dielectric dispersion
USE permittivity

dielectric elastomer actuators
USE electroactive polymer actuators

dielectric electroactive polymer actuators
USE electroactive polymer actuators

dielectric function
BT dielectric properties
optical properties
PT dielectric properties of substances
optical constants
RT band structure
electron gas
Kramers-Kronig relations
optical constants
DEU dielektrische Funktion

dielectric heaters
USE dielectric heating

dielectric heating
BT electric heating
SY *dielectric heaters*
RT process heating
DEU dielektrische Erwärmung

dielectric hysteresis
BT dielectric properties
hysteresis
SY *fatigue, dielectric*
ferroelectric hysteresis
PT hysteresis
DEU dielektrische Hysterese

dielectric isolation technology
USE isolation technology

dielectric liquids
BT dielectric materials
liquids
NT insulating oils
SY *liquid dielectrics*
RT impregnated insulation
silicones
DEU dielektrische Flüssigkeit
DSY dielektrisches Fluid

dielectric loss angle
USE dielectric losses

dielectric loss measurement
BT dielectric measurement
loss measurement
SY *dielectric loss-angle measurement*
loss-angle measurement
PT dielectric losses
dielectric measurement
RT dielectric losses
DEU dielektrische Verlustmessung
DSY Messen dielektrischer Verluste

dielectric loss-angle measurement
USE dielectric loss measurement

dielectric losses
BT dielectric properties
losses
SY *dielectric loss angle*

loss angle
loss tangent, dielectric
RT dielectric loss measurement
DEU dielektrischer Verlust

dielectric materials
BT materials
NT antiferroelectric materials
dielectric liquids
electrets
ferroelectric materials
piezoelectric materials
SY *dielectrics*
paraelectric materials
RT ceramics
dielectric bodies
dielectric devices
dielectric properties
dielectric thin films
glass
insulating materials
insulation
microwave materials
plastics
DEU dielektrischer Stoff
DSY dielektrischer Werkstoff
dielektrisches Material

dielectric measurement
BT electric variables measurement
NT dielectric loss measurement
permittivity measurement
RT capacitance measurement
dielectric devices
dielectric properties
DEU Dielektrikmessung
DSY dielektrische Messung
Dielektrizitätsmessung

dielectric polarisation
BT dielectric properties
polarisation
SY *dielectric polarization*
poling
PT dielectric properties of substances
RT Barkhausen effect
dielectric depolarisation
dipole glasses
DEU dielektrische Polarisation

dielectric polarization
USE dielectric polarisation

dielectric properties
BT electric properties
NT antiferroelectricity
capacitance
dielectric depolarisation
dielectric function
dielectric hysteresis
dielectric losses
dielectric polarisation
dielectric relaxation
dielectric resonance
dipole glasses
electric strength
ferroelectricity
optical susceptibility
permittivity
photodielectric effect
piezoelectricity
plasma dielectric properties
pyroelectricity
UF *Costa Ribeiro effect / dielectric properties + phase transformations*
SY *Onsager theory of dielectrics*
PT dielectric properties of substances
RT dielectric materials
dielectric measurement
electric domains
materials properties
polarisability
DEU dielektrische Eigenschaft

dielectric properties of gases
DEU dielektrische Eigenschaften von Gasen

dielectric properties of liquids and solutions
DEU dielektrische Eigenschaften von Flüssigkeiten und Lösungen

dielectric properties of solids
DEU dielektrische Eigenschaften von Festkörpern

dielectric properties of substances
PT dielectric properties of liquids and solutions
DEU dielektrische Eigenschaften von Stoffen

dielectric relaxation
BT dielectric properties
relaxation
PT dielectric phenomena
relaxation
RT dielectric resonance
relaxor ferroelectrics
DEU dielektrische Relaxation

dielectric resonance
BT dielectric properties
resonance
SY *paraelectric resonance*
PT dielectric properties of substances
RT dielectric relaxation
DEU dielektrische Resonanz

dielectric resonator antennas
BT antennas
dielectric resonators
PT dielectric resonators
microwave antennas
RT dielectric-loaded antennas
microwave antennas
millimetre wave antennas
DEU dielektrische Resonatorantenne

dielectric resonator filters
BT dielectric resonators
resonator filters
PT resonator filters
RT microwave filters
waveguide filters
DEU dielektrischer Resonatorfilter

dielectric resonator oscillators
BT dielectric resonators
oscillators
SY *DRO*
PT dielectric resonators
microwave oscillators
solid-state microwave circuits
RT microwave oscillators
millimetre wave oscillators
UHF oscillators
DEU dielektrischer
Resonatorschwingkreis

dielectric resonators
BT dielectric devices
resonators
NT dielectric resonator antennas
dielectric resonator filters
dielectric resonator oscillators
PT dielectric devices
resonators
RT cavity resonators
microwave resonators
millimetre wave resonators
mode matching
resonator filters
UHF resonators
waveguide components
whispering gallery modes
DEU dielektrischer Resonator

dielectric strength
USE electric strength

dielectric susceptibility
USE optical susceptibility

dielectric thin films
BT thin films
NT ferroelectric thin films
high-k dielectric thin films
low-k dielectric thin films
piezoelectric thin films
PT thin films
RT dielectric materials
insulating thin films
optical films
planarisation
polymer films
DEU dielektrische Dünnschicht
DSY dielektrische Schicht

dielectric waveguides
BT waveguides
NT nonradiative dielectric waveguides
optical waveguides
PT waveguides
DEU dielektrischer Wellenleiter

dielectric-barrier discharges
BT discharges (electric)
SY *silent discharges*
PT discharges (electric)
RT glow discharges
partial discharges
DEU dielektrische Barriereentladung

dielectric-filled waveguides
USE dielectric-loaded waveguides

dielectric-loaded antennas
BT antennas
PT antennas
RT dielectric resonator antennas
DEU dielektrische Antenne

dielectric-loaded waveguides
BT waveguides
SY *dielectric-filled waveguides*
ferroelectric-filled waveguides
PT waveguides
RT circular waveguides
ferrite-loaded waveguides
rectangular waveguides
DEU dielektrisch-geladener Wellenleiter

dielectrics
USE dielectric materials

dielectronic recombination
USE ion recombination

dielectrophoresis
USE electrophoresis

Dielektrikmessung
DEU for dielectric measurement

dielektrisch-geladener Wellenleiter
DEU for dielectric-loaded waveguides

dielektrische Antenne
DEU for dielectric-loaded antennas

dielektrische Barriereentladung
DEU for dielectric-barrier discharges

dielektrische Depolarisation
DEU for dielectric depolarisation

dielektrische Depolarisierung
DUS für dielectric depolarisation

dielektrische Dünnschicht
DEU for dielectric thin films

dielektrische Eigenschaft
DEU for dielectric properties

dielektrische Eigenschaften von Festkörpern
DEU for dielectric properties of solids

dielektrische Eigenschaften von Flüssigkeiten und Lösungen
DEU for dielectric properties of liquids and solutions

dielektrische Eigenschaften von Gasen
DEU for dielectric properties of gases

dielektrische Eigenschaften von Stoffen
DEU for dielectric properties of substances

dielektrische Erwärmung
DEU for dielectric heating

dielektrische Flüssigkeit
DEU for dielectric liquids

dielektrische Funktion
DEU for dielectric function

dielektrische Hysterese
DEU for dielectric hysteresis

dielektrische Messung
DUS für dielectric measurement

dielektrische Polarisation
DEU for dielectric polarisation

dielektrische Relaxation
DEU for dielectric relaxation

dielektrische Resonanz
DEU for dielectric resonance

dielektrische Resonatorantenne
DEU for dielectric resonator antennas

dielektrische Schicht
DUS für dielectric thin films

dielektrische Verlustmessung
DEU for dielectric loss measurement

dielektrischer Körper
DEU for dielectric bodies

dielektrischer Resonator
DEU for dielectric resonators

dielektrischer Resonatorfilter
DEU for dielectric resonator filters

dielektrischer Resonatorschwingkreis
DEU for dielectric resonator oscillators

dielektrischer Stoff
DEU for dielectric materials

dielektrischer Verlust
DEU for dielectric losses

dielektrischer Verstärker
DEU for dielectric devices

dielektrischer Wellenleiter
DEU for dielectric waveguides

dielektrischer Werkstoff
DUS für dielectric materials

dielektrisches Fluid
DUS für dielectric liquids

dielektrisches Gerät
DUS für dielectric devices

dielektrisches Material
DUS für dielectric materials

Dielektrizitätskonstante
DEU for permittivity

Dielektrizitätsmessung
DUS für dielectric measurement

Dienstequalität
DEU for quality of service

Dienstleistungsgewerbe
DEU for service industries

Dienstprogramm
DEU for utility programs

Dienstverhältnis
DUS für employment

dies (machine tools)
BT machine tools
PT machine tools
RT cutting tools
die casting
metal stamping
presses
squeeze casting
DEU Matrize (Werkzeugmaschine)

diesel engines
BT internal combustion engines
UF *free piston engines / diesel engines + internal combustion engines*
PT internal combustion engines
RT automotive engineering
dual fuel engines
glow plugs
DEU Dieselmotor

diesel fuel
USE petroleum

diesel generators
USE diesel-electric generators

diesel power stations
USE diesel-electric power stations

diesel-electric generators
BT electric generators
SY *diesel generators*
PT diesel-electric power stations
electric generators
RT diesel-electric power stations
hybrid power systems
internal combustion engines
standby generators
DEU diesel-elektrischer Generator
DSY dieselelektrischer Generator
Dieselelektrogenerator

diesel-electric locomotives
BT locomotives
PT locomotives
RT electric locomotives
DEU dieselelektrische Lokomotive

diesel-electric power stations
BT thermal power stations
SY *diesel power stations*
PT power stations
RT diesel-electric generators
hybrid power systems
DEU dieselelektrisches Kraftwerk

diesel-elektrischer Generator
DEU for diesel-electric generators

dieselelektrische Lokomotive
DEU for diesel-electric locomotives

dieselelektrischer Generator
DUS für diesel-electric generators

dieselelektrisches Kraftwerk
DEU for diesel-electric power stations

Dieselelektrogenerator
DUS für diesel-electric generators

Dieselmotor
DEU for diesel engines

difference amplifiers
USE differential amplifiers

difference equations
BT differential equations
numerical analysis
RT boundary-elements methods
finite difference methods
finite difference time-domain analysis
finite element analysis
multidimensional systems
optimal control
piecewise linear techniques
piecewise polynomial techniques
relaxation theory
Z transforms
DEU Differenzengleichung

difference frequency generation (optical)
USE optical frequency conversion

differential algebraic equations
BT algebra
differential equations
PT algebra
algebra
differential equations
RT boundary-value problems
linear differential equations
DEU algebraischen Differentialgleichung
DSY differential-algebraische Gleichung

differential amplifiers
BT amplifiers
NT instrumentation amplifiers
SY *balanced amplifiers*
difference amplifiers
long tailed pair
push pull amplifiers
DEU Differenzverstärker

differential analysers
BT analogue computers
SY *analog differential analyzers*
analogue differential analysers
analysers, differential
analyzers, differential
differential analyzers
RT digital differential analysers
DEU Differentialanalysator

differential analyzers
USE differential analysers

differential calculus
USE differentiation

differential delay systems
USE delay-differential systems

differential detection
BT signal detection
RT demodulation
fading
phase shift keying
DEU Differentialdetektion

differential equations
BT equations
mathematical analysis
NT difference equations
differential algebraic equations
Green's function methods
integro-differential equations
linear differential equations
nonlinear differential equations
partial differential equations
Sturm-Liouville equation
SY *multigrid methods*
RT Banach spaces
boundary-elements methods
calculus
delay-differential systems
differentiation
elliptic equations
finite element analysis
Hilbert spaces
hyperbolic equations
Lie groups
numerical analysis
parabolic equations
relaxation theory
Runge-Kutta methods
wave mechanics
DEU Differentialgleichung
DSY Differenzialgleichung

differential games
BT game theory
PT game theory
RT stochastic games
DEU Differentialspiel

differential gears
USE gears

differential geometry
BT geometry
topology
SY *geodesics*
RT space-time configurations
DEU Differentialgeometrie
DSY differentielle Geometrie

differential GPS
USE Global Positioning System

differential phase shift keying
BT phase shift keying
SY *DPSK*
PT phase shift keying
DEU Differenzphasenumtastung
DSY Phasendifferenzmodulation
Phasendifferenzumtastung
Phasensprungumtastung
phasenumgetastetes Signal

differential pulse code modulation
BT pulse code modulation
UF *adaptive differential pulse code modulation / adaptive modulation + differential pulse code modulation*
UF *ADPCM / adaptive modulation +*

differential pulse code modulation
SY *DPCM*
PT pulse code modulation
RT data compression
delta modulation
image coding
speech coding
DEU differenzielle Pulscodemodulation
DSY Differenzpulscodemodulation

differential scanning calorimetry
BT calorimetry
thermal analysis
SY *DSC*
PT thermal analysis
RT differential thermal analysis
DEU Differentialrasterkalorimetrie
DSY Differenzialrasterkalorimetrie

differential thermal analysis
BT thermal analysis
SY *DTA*
PT thermal analysis
RT differential scanning calorimetry
DEU Differentialthermoanalyse
DSY Differenzialthermoanalyse
DTA (Differential Thermal Analysis)

differential transformers
BT transformers
PT transformers
DEU Differentialtransformator
DSY Summenstromwandler

differential-algebraische Gleichung
DUS für differential algebraic equations

Differentialanalysator
DEU for differential analysers

Differentialdetektion
DEU for differential detection

Differentialdruck-Wandler
DUS für pressure transducers

Differentialgeometrie
DEU for differential geometry

Differentialgleichung
DEU for differential equations

Differentialrasterkalorimetrie
DEU for differential scanning calorimetry

Differentialspiel
DEU for differential games

Differentialthermoanalyse
DEU for differential thermal analysis

Differentialtransformator
DEU for differential transformers

differentiated services networks
USE DiffServ networks

differentiating circuits
BT networks (circuits)
SY *peaking circuits*
RT analogue computer circuits
DEU Differenzierglied

differentiation
BT calculus
SY *differential calculus*
RT differential equations
numerical analysis
DEU Differentiation (Berechnung)
DSY Differenzierung (Mathematik)
Unterscheidung (chemische Analyse)

Differentiation (Berechnung)
DEU for differentiation

differentielle Geometrie
DUS für differential geometry

Differenzdruck
DUS für pressure

Differenzdruckaufnehmer
DUS für pressure transducers

Differenzdruckmessung
DUS für pressure measurement

Differenzdrucksensor
DUS für pressure sensors

Differenzdruckwandler
DUS für pressure transducers

Differenzengleichung
DEU for difference equations

Differenzialgleichung
DUS für differential equations

Differenzialrasterkalorimetrie
DUS für differential scanning calorimetry

Differenzialthermoanalyse
DUS für differential thermal analysis

differenzielle Pulscodemodulation
DEU for differential pulse code modulation

Differenzierglied
DEU for differentiating circuits

Differenzierung (Mathematik)
DUS für differentiation

Differenzphasenumtastung
DEU for differential phase shift keying

Differenzpulscodemodulation
DUS für differential pulse code modulation

Differenzverstärker
DEU for differential amplifiers

diffraction
NT acoustic wave diffraction
electromagnetic wave diffraction
electron diffraction
neutron diffraction
RT diffraction gratings
diffractometers
wave propagation
DEU Beugung (Strahl)

diffraction gratings
NT arrayed waveguide gratings
Bragg gratings
holographic gratings
SY *echelles*
echelons
gratings (diffraction)
optical gratings
RT diffraction
diffractive optical elements
optical deflectors
optical elements
periodic structures
spectrometers
surface electromagnetic waves
Talbot effect
X-ray optics
DEU Beugungsgitter (Optik)
DSY Mehrfachspalt (Optik)
optisches Gitter

diffraction model
BT elementary particle interaction models
PT elementary particle strong interactions
DEU Beugungsmodell (Elementarpartikel)

diffractive optical elements
BT optical elements
SY *DOE*
PT diffraction gratings
holographic optical elements
optical elements
RT diffraction gratings
holographic gratings
holographic optical elements
DEU beugendes optisches Element
DSY beugungsoptisches Element
diffraktives optisches Element
strahlbeugendes optisches Element

diffractometers
BT instruments
NT X-ray diffractometers
RT diffraction
DEU Beugungsmesser
DSY Diffraktometer

Diffraktion von Elektronen geringer Energie
DUS für low energy electron diffraction

Diffraktion von Elektronen geringer Energie (LEED)
DUS für low energy electron diffraction

diffraktives optisches Element
DUS für diffractive optical elements

Diffraktometer
DUS für diffractometers

DiffServ networks
BT computer networks
SY *differentiated services networks*
PT Internet
quality of service
RT bandwidth allocation
computer network management
Internet
multimedia communication
quality of service
telecommunication congestion control
telecommunication network routing

DEU DiffServ-Netz

DiffServ-Netz
DEU for DiffServ networks

diffuse nebulae
USE nebulae

diffuse optical imaging
USE biomedical optical imaging
\+ optical tomography

Diffusion (allgemein)
DEU for diffusion

diffusion barriers
BT diffusion
interface phenomena
PT chemical interdiffusion
diffusion in solids
RT annealing
buffer layers
chemical interdiffusion
metallisation
semiconductor-metal boundaries
superconducting thin films
DEU Diffusionsbarriere

diffusion bonding
BT bonding processes
PT bonding processes
RT chemical interdiffusion
welding
DEU Diffusionsbonden

diffusion coefficient
USE diffusion

diffusion creep
BT creep
PT creep
DEU Diffusionskriechen

diffusion in plasma
USE plasma transport processes

diffusion pumps
BT vacuum pumps
PT vacuum pumps
DEU Diffusionspumpe

diffusion tensor imaging
USE biodiffusion
\+ biomedical MRI

diffusion weighted imaging
USE biodiffusion
\+ biomedical MRI

diffusion-limited aggregation
USE aggregation

Diffusionsbarriere
DEU for diffusion barriers

Diffusionsbonden
DEU for diffusion bonding

Diffusionskriechen
DEU for diffusion creep

Diffusionspumpe
DEU for diffusion pumps

diffusion
BT transport processes
NT biodiffusion
chemical interdiffusion
diffusion barriers
electromigration
grain boundary diffusion
osmosis
reaction-diffusion systems
self-diffusion
surface diffusion
thermal diffusion
turbulent diffusion
SY *bulk diffusion*
chemical diffusion
diffusion coefficient
diffusivity
eddy diffusion
UF *Nusselt-Graetz problems / convection + diffusion*
SY *pipe diffusion*
volume diffusion
RT aggregation
ionic conductivity
mass transfer
membranes
transpiration
DEU Diffusion (allgemein)

diffusivity
USE diffusion

diffusivity, thermal
USE thermal diffusivity

digital arithmetic
BT arithmetic
NT carry logic
coprocessors
distributed arithmetic
fixed point arithmetic
floating point arithmetic
pipeline arithmetic

random number generation
redundant number systems
residue number systems
UF *CORDIC / digital arithmetic* + *signal processing*
SY *radix conversion*
RT adders
arithmetic codes
counting circuits
digital filters
dividing circuits
logic design
multiplying circuits
number theory
roundoff errors
wave digital filters
DEU digitale Arithmetik

digital audio broadcasting
BT digital radio
radio broadcasting
SY *DAB*
PT digital radio systems
radio broadcasting
RT audio coding
digital multimedia broadcasting
direct broadcasting by satellite
DEU Digitalhörfunk

digital audio discs
USE audio discs

digital audio tape
BT audio recording
audio tape recorders
Hi-Fi equipment
SY *DAT*
R-DAT
S-DAT
PT audio recording
audio tape recorders
digital systems
RT audio systems
digital magnetic recording
digital storage
digital systems
DEU digitale Audiokassette
DSY digitale Tonkassette
digitales Tonband

digital cash
USE electronic money

digital circuits
BT pulse circuits
NT adders
decision circuits
digital filters
digital integrated circuits
digital phase locked loops
direct digital synthesis
switching circuits
UF *combination locks (electronic) / digital circuits* + *safety systems*
RT data conversion
digital computers
DEU Digitalschaltung

digital communication
BT digital systems
telecommunication
NT digital radio
digital television
ISDN
SY *T1 communications*
PT digital communication systems
RT B-ISDN
codecs
computer peripheral equipment
data communication
digital subscriber lines
electronic messaging
intelligent networks
intersymbol interference
jitter
optical communication
subscriber loops
synchronous digital hierarchy
DEU Digitaldatenübertragung

digital computers
BT computers
NT Acorn computers
ACT computers
Amstrad computers
Apple computers
Atari computers
bit-slice computer
Commodore computers
Compaq computers
Cray computers
DEC computers
Dragon computers
electronic calculators
Epson computers
fifth generation systems
file servers
general purpose computers
Hewlett Packard computers
IBM computers
ICL computers
mainframes
microcomputers
minicomputers
NCR computers
NEC computers

Oric computers
Osborne computers
parallel machines
Prime computers
Radio Shack computers
satellite computers
Sharp computers
Sinclair computers
special purpose computers
Texas Instruments computers
Toshiba computers
Unisys computers
Wang computers
RT analogue-digital conversion
digital circuits
digital storage
digital systems
digital-analogue conversion
finite automata
parallel processing
programming languages
Turing machines
DEU Digitalcomputer
DSY Digitalrechner

digital control
NT direct digital control
RT computerised control
control engineering computing
numerical control
DEU digitale Regelung
DSY digitale Steuerung
digitale Steuerungs- und Regelungstechnik

digital differential analysers
BT special purpose computers
SY *DDA*
digital differential analyzers
incremental computers
PT differential analysers
RT differential analysers
DEU digitale Differentialanalysator

digital differential analyzers
USE digital differential analysers

Digital Divide
BT social aspects of automation
RT age issues
cultural aspects
gender issues
government policies
information technology
Internet
technology transfer
DEU digitale Spaltung der Gesellschaft

digital elevation models
PT terrain mapping
topography (Earth)
RT geographic information systems
remote sensing by radar
synthetic aperture radar
terrain mapping
topography (Earth)
DEU digitales Höhenmodell

Digital Equipment Corporation computers
USE DEC computers

Digital European Cordless Telephone
USE cordless telephone systems

digital factories
USE virtual manufacturing

digital filters
BT digital circuits
filters
NT FIR filters
IIR filters
median filters
multidimensional digital filters
quadrature mirror filters
recursive filters
wave digital filters
RT adaptive filters
Butterworth filters
causality
Chebyshev filters
comb filters
digital arithmetic
digital signal processing chips
discrete time filters
elliptic filters
ladder filters
lattice filters
programmable filters
residue number systems
roundoff errors
sampled data filters
signal processing
stack filters
time-varying filters
transversal filters
Wiener filters
DEU Digitalfilter

digital forensics
BT criminal law
forensic science
security of data
NT image forensics
SY *computer forensics*
forensics (computer)

PT computer forensics
RT computer crime
data privacy
DP management
fraud
legislation
police
system recovery
systems analysis
DEU digitale Forensik

digital instrumentation
BT instrumentation
NT digital multimeters
digital storage oscilloscopes
digital voltmeters
RT digital readout
display instrumentation
portable instruments
DEU digitale Instrumentation

digital integrated circuits
BT digital circuits
integrated circuits
NT BiCMOS digital integrated circuits
bipolar digital integrated circuits
cellular arrays
field effect digital integrated circuits
integrated logic circuits
integrated memory circuits
microprocessor chips
storage management chips
RT application specific integrated circuits
BiCMOS integrated circuits
direct coupled FET logic
integrated injection logic
mixed analogue-digital integrated circuits
prescalers
superconducting integrated circuits
transistor-transistor logic
very high speed integrated circuits
DEU digitale integrierte Schaltung

digital libraries
BT information systems
libraries
RT bibliographic systems
digital preservation
full-text databases
Internet
library automation
very large databases
DEU digitale Bibliothek

digital magnetic recording
BT magnetic recording
PT magnetic recording
RT audio recording
digital audio tape
partial response channels
video recording
DEU digitale magnetische Aufzeichnung

digital mammography
USE mammography

digital micromirror devices
USE micromirrors

digital mobile radio
USE digital radio
\+ mobile radio

digital money
USE electronic money

digital multimedia broadcasting
BT broadcasting
multimedia communication
PT broadcasting
multimedia communication
RT digital audio broadcasting
digital video broadcasting
direct broadcasting by satellite
mobile communication
mobile television
video coding
DEU digitale Multimediakommunikation

digital multimeters
BT digital instrumentation
multimeters
SY *DMM*
PT digital instrumentation
multimeters
RT digital voltmeters
DEU digitales Multimeter
DSY digitales Vielfachmessgerät
Digitalmultimeter

digital paper
USE interactive devices
\+ office automation

digital phase locked loops
BT digital circuits
phase locked loops
SY *digital PLL*
PT phase locked loops
DEU digitale Phasenregelschleife
DSY digitaler Phasenregelkreis

digital photography
BT photography
PT cameras
photography
RT cameras
CCD image sensors
CMOS image sensors
DEU digitale Fotografie
DSY digitale Photographie
Digitalfotografie
Digitalphotographie

digital PLL
USE digital phase locked loops

digital preservation
BT information storage
RT digital libraries
electronic mail
electronic publishing
information retrieval systems
Internet
meta data
records management
Web sites
DEU digitale Archivierung
DSY digitale Aufbewahrung
digitale Erhaltung
digitale Konservierung
digitaler Schutz

digital printing
BT printing
PT printing
RT publishing
DEU Digitaldruck
DSY digitales Drucken

digital radio
BT digital communication
radiocommunication
NT digital audio broadcasting
UF *digital mobile radio / digital radio + mobile radio*
UF *pan-European radio / cellular radio + digital radio*
PT digital radio systems
RT 3G mobile communication
Bluetooth
indoor radio
microwave links
mobile radio
mobile satellite communication
OFDM modulation
packet radio networks
radio access networks
radio links
satellite communication
software radio
synchronous digital hierarchy
DEU Digitalfunk
DSY Digitalrundfunk

digital radiography
USE radiography
DEU digitale Radiographie

digital radiography (medical)
USE diagnostic radiography

digital readout
BT readout electronics
RT digital instrumentation
display devices
display instrumentation
indicators
recorders
DEU digitale Ableseeinheit
DSY digitales Auslesesystem

digital rights management
BT law
security
RT conditional access
copy protection
copyright
legislation
trusted computing
DEU digitale Rechte-Management
DSY Management digitaler Rechte

digital signal processing
USE digital signal processing chips
\+ signal processing
DEU Digitalsignalverarbeitung

digital signal processing chips
BT microprocessor chips
signal processing
UF *digital signal processing / digital signal processing chips + signal processing*
SY *DSP chips*
PT computerised signal processing
microprocessor chips
RT analogue processing circuits
digital filters
digital signals
large scale integration
signal processing equipment
software radio
superconducting processor circuits
system-on-chip
systolic arrays
VLSI

DEU Digitalsignalverarbeitungs-Chip
DSY Digitalsignalverarbeitungschip

digital signals
BT signals
RT digital signal processing chips
information theory
signal detection
signal generators
signal processing
signal sources
video signals
DEU digitales Signal

digital signatures
BT message authentication
PT message authentication
DEU digitale Signatur

digital simulation
BT computer aided analysis
simulation
NT discrete event simulation
N-body simulations (astronomical)
virtual machines
SY *High Level Architecture (simulation)*
HLA (simulation)
simulation, digital
PT computer aided analysis
simulation
RT circuit analysis computing
circuit simulation
fault simulation
importance sampling
logic simulation
semiconductor process modelling
serious games (computing)
simulation languages
SPICE
DEU digitale Simulation
DSY Digitalsimulation

digital simulation of computers
USE virtual machines

digital speckle pattern interferometry
USE electronic speckle pattern interferometry

digital storage
BT computer peripheral equipment
NT buffer storage
content-addressable storage
magnetic storage
memory cards
nondestructive readout
optical storage
random-access storage
read-only storage
self-organising storage
semiconductor storage
storage area networks
storage units
superconducting memory circuits
SY *computer storage devices*
memories, digital
storage, digital
RT computers
data recording
digital audio tape
digital computers
digital storage oscilloscopes
digital systems
ferroelectric storage
flip-flops
memory architecture
parallel memories
recording
storage media
DEU Digitalspeicher

digital storage oscilloscopes
BT digital instrumentation
oscilloscopes
SY *DSO*
PT cathode-ray oscilloscopes
RT cathode-ray oscilloscopes
digital storage
DEU Digitalspeicheroszillograph

digital subscriber lines
BT subscriber loops
SY *ADSL*
asymmetric digital subscriber lines
DSL
HDSL
high bit rate digital subscriber lines
VDSL
very high speed digital subscriber lines
PT subscriber loops
RT data communication
digital communication
DEU Letzte-Meile-Technik

digital systems
NT computer networks
digital communication
multi-access systems
multiprocessing systems
real-time systems
smart cards
time-sharing systems

RT analogue-digital conversion
digital audio tape
digital computers
digital storage
digital-analogue conversion
DEU digitales System

digital television
BT digital communication
television
NT digital video broadcasting
IPTV
PT digital communication systems
television broadcasting
RT conditional access
direct broadcasting by satellite
high definition television
image coding
OFDM modulation
set-top boxes
television broadcasting
television production
television standards
video signals
DEU digitales Fernsehen

digital versatile discs
BT optical disc storage
UF *digital video discs / digital versatile discs* + *video discs*
SY *DVD*
PT optical disc storage
video discs
RT audio discs
video coding
video discs
video recording
DEU DVD (Digital Versatile Disk)

digital video broadcasting
BT digital television
television broadcasting
SY *DVB*
PT digital television
television broadcasting
RT cable television
conditional access
digital multimedia broadcasting
direct broadcasting by satellite
high definition television
interactive television
mobile television
set-top boxes
television standards
video coding
DEU digitales Video-Fernsehen

digital video discs
USE digital versatile discs
\+ video discs

digital voltmeters
BT digital instrumentation
voltmeters
SY *DVM*
RT digital multimeters
DEU digitales Voltmeter
DSY Digitalvoltmeter

digital watermarking
USE watermarking

digital-analog conversion
USE digital-analogue conversion

digital-analog converters
USE digital-analogue conversion

Digital-Analog-Konvertierung
DEU for digital-analogue conversion

Digital-Analog-Umsetzung
DUS für digital-analogue conversion

Digital-Analog-Umwandlung
DUS für digital-analogue conversion

digital-analogue conversion
BT data conversion
NT delta-sigma modulation
SY *D/A conversion*
digital-analog conversion
digital-analog converters
digital-analogue converters
digital-analogue convertors
RT analogue computers
analogue-digital conversion
computer interfaces
convertors
counting circuits
digital computers
digital systems
plotters
DEU Digital-Analog-Konvertierung
DSY Digital-Analog-Umsetzung
Digital-Analog-Umwandlung

digital-analogue converters
USE digital-analogue conversion

digital-analogue convertors
USE digital-analogue conversion

Digitalcomputer
DEU for digital computers

Digitaldatenübertragung
DEU for digital communication

Digitaldruck
DEU for digital printing

digitale Ableseeinheit
DEU for digital readout

digitale Archivierung
DEU for digital preservation

digitale Arithmetik
DEU for digital arithmetic

digitale Audiokassette
DEU for digital audio tape

digitale Aufbewahrung
DUS für digital preservation

digitale Bibliothek
DEU for digital libraries

digitale Bildverarbeitung
DEU for computerised picture processing

digitale Differentialanalysator
DEU for digital differential analysers

digitale Erhaltung
DUS für digital preservation

digitale Forensik
DEU for digital forensics

digitale Fotografie
DEU for digital photography

digitale Instrumentation
DEU for digital instrumentation

digitale integrierte Feldeffektschaltung
DEU for field effect digital integrated circuits

digitale integrierte Schaltung
DEU for digital integrated circuits

digitale Konservierung
DUS für digital preservation

digitale magnetische Aufzeichnung
DEU for digital magnetic recording

digitale Multimediakommunikation
DEU for digital multimedia broadcasting

digitale Phasenregelschleife
DEU for digital phase locked loops

digitale Photographie
DUS für digital photography

digitale Radiographie
DEU for digital radiography

digitale Rechte-Management
DEU for digital rights management

digitale Regelung
DEU for digital control

digitale Signatur
DEU for digital signatures

digitale Simulation
DEU for digital simulation

digitale Spaltung der Gesellschaft
DEU for Digital Divide

digitale Steuerung
DUS für digital control

digitale Steuerungs- und Regelungstechnik
DUS für digital control

digitale Tonkassette
DUS für digital audio tape

digitaler integrierter Feldeffektschaltkreis
DUS für field effect digital integrated circuits

digitaler Phasenregelkreis
DUS für digital phase locked loops

digitaler Schutz
DUS für digital preservation

digitales Auslesesystem
DUS für digital readout

digitales Drucken
DUS für digital printing

digitales Fernsehen
DEU for digital television

digitales Höhenmodell
DEU for digital elevation models

digitales Multimeter
DEU for digital multimeters

digitales Signal
DEU for digital signals

digitales System
DEU for digital systems

digitales Tonband
DUS für digital audio tape

digitales Video-Fernsehen
DEU for digital video broadcasting

digitales Vielfachmessgerät
DUS für digital multimeters

digitales Voltmeter
DEU for digital voltmeters

Digitalfilter
DEU for digital filters

Digitalfotografie
DUS für digital photography

Digitalfunk
DEU for digital radio

Digitalhörfunk
DEU for digital audio broadcasting

Digitalmultimeter
DUS für digital multimeters

Digitalphotographie
DUS für digital photography

Digitalrechner
DUS für digital computers

Digitalrundfunk
DUS für digital radio

Digitalschaltung
DEU for digital circuits

Digitalsignalverarbeitung
DEU for digital signal processing

Digitalsignalverarbeitungs-Chip
DEU for digital signal processing chips

Digitalsignalverarbeitungschip
DUS für digital signal processing chips

Digitalsimulation
DUS für digital simulation

Digitalspeicher
DEU for digital storage

Digitalspeicheroszillograph
DEU for digital storage oscilloscopes

Digitalvoltmeter
DUS für digital voltmeters

digitisers
USE analogue-digital conversion

digitizers
USE analogue-digital conversion

digraphs
USE directed graphs

Diktafon
DEU for dictation

Diktaphon
DUS für dictation

Diktiergerät
DUS für dictation

DIL
USE electronics packaging

dilatometers
USE extensometers

dilute alloys
BT alloys
PT alloys
RT dilute magnetic materials
impurity states
Kondo effect
DEU verdünnte Legierung

dilute magnetic materials
BT magnetic materials
NT local moments
magnetic impurities
semimagnetic semiconductors
SY *magnetic properties of dilute systems*
PT magnetic properties of dilute

systems
RT dilute alloys
Kondo effect
DEU verdünnter magnetischer Werkstoff
DSY verdünntes magnetisches Material

diluted magnetic semiconductors
USE semimagnetic semiconductors

DIM calculations
BT orbital calculations
SY *diatomics in molecules calculations*
DIMZO
PT molecular energy level calculations
RT molecular electronic states
DEU DIM-Berechnung
DSY DIM-Kalkulation

DIM-Berechnung
DEU for DIM calculations

DIM-Kalkulation
DUS für DIM calculations

Dimension
DUS für dimensions

dimensions
RT units (measurement)
DEU Abmessung
DSY Dimension

dimer lasers
USE excimer lasers

dimerisation
USE association (chemical)

dimers
USE molecules

DIMZO
USE DIM calculations

dineutrons
USE neutrons

Dingle temperature
RT diamagnetism
electron gas
magnetic susceptibility
DEU Dingle-Temperatur

Dingle-Temperatur
DEU for Dingle temperature

dining philosophers problem
USE concurrency control
\+ resource allocation

Diode
DEU for diodes

diode lasers
USE semiconductor lasers

diode sputter deposition
USE sputter deposition

diode sputtered coatings
USE sputtered coatings

diode sputtering
USE sputtering

diode-transistor logic
BT logic
SY *DTL*
PT logic circuits
RT logic circuits
switching circuits
DEU Dioden-Transistor-Logik

Dioden-Transistor-Logik
DEU for diode-transistor logic

diodes
NT plasma diodes
semiconductor diodes
RT electron tubes
rectifier tubes
rectifiers
vacuum tubes
DEU Diode

DIP
USE electronics packaging

dip coating
BT coating techniques
RT hot dipping
liquid phase deposition
DEU Tauchbeschichten

diplexers
USE multiplexing equipment

Dipolantenne
DEU for dipole antennas

dipolar glasses
USE dipole glasses

dipole antenna arrays
BT antenna arrays
dipole antennas
PT antenna arrays
dipole antennas
RT log periodic antennas
DEU Dipolgruppenantenne

dipole antennas
BT antennas
NT dipole antenna arrays
RT antenna arrays
DEU Dipolantenne

dipole coupling
BT energy states
SY *molecular dipole-dipole nuclear coupling constants*
UF *nuclear coupling, molecular / dipole coupling + quadrupole coupling + spin-spin coupling*
UF *Sternheimer shielding / dipole coupling + quadrupole coupling + spin-spin coupling*
PT molecular nuclear coupling
RT quadrupole coupling
spin-rotation coupling
spin-spin coupling
DEU Dipolkopplung

dipole glasses
BT dielectric properties
SY *dipolar glasses*
proton glasses
RT dielectric polarisation
ferroelectricity
orientational glasses
DEU Dipolglas

dipole moment, electric
USE electric moments

dipole moments, magnetic
USE magnetic moments

dipole moments, molecular
USE molecular moments

Dipolglas
DEU for dipole glasses

Dipolgruppenantenne
DEU for dipole antenna arrays

Dipolkopplung
DEU for dipole coupling

Dirac cosmology
USE cosmology

Dirac electron theory
USE Dirac equation
\+ electron theory

Dirac equation
BT wave equations
UF *Dirac electron theory / Dirac equation + electron theory*
PT wave equations
RT electron theory
Lorentz transformation
relativistic quantum field theory
relativistic quantum mechanics
DEU Dirac-Gleichung

Dirac form factors
BT form factors (elementary particles)
form factors (nuclear)
PT form factors (elementary particles)
form factors (nuclear)
RT elementary particle coupling constants
EMC effect
nuclear charge
DEU Dirac-Formfaktor

Dirac-Fock calculations
BT HF calculations
relativistic corrections
SY *DF calculations*
Dirac-Hartree-Fock calculations
ICDF calculations
MCDF calculations
PT HF calculations
relativistic corrections
DEU Dirac-Fock-Berechnung
DSY Dirac-Fock-Kalkulation

Dirac-Fock-Berechnung
DEU for Dirac-Fock calculations

Dirac-Fock-Kalkulation
DUS für Dirac-Fock calculations

Dirac-Formfaktor
DEU for Dirac form factors

Dirac-Gleichung
DEU for Dirac equation

Dirac-Hartree-Fock calculations
USE Dirac-Fock calculations

direct access storage devices
USE magnetic disc storage

direct alcohol fuel cells
BT fuel cells
NT direct ethanol fuel cells
direct methanol fuel cells
PT fuel cells
RT fuel cell power plants
proton exchange membrane fuel cells
DEU Direktalkoholbrennstoffzelle

direct analogs
USE direct analogues

direct analogues
BT analogue computers
SY *analogs, direct*
analogues, direct
direct analogs
DEU Direktanalogrechner

direct broadcasting by satellite
BT broadcasting
satellite communication
SY *DBS*
satellite broadcasting
UF *satellite TV / direct broadcasting by satellite + television broadcasting*
PT radio broadcasting
satellite relay systems
television broadcasting
RT conditional access
digital audio broadcasting
digital multimedia broadcasting
digital television
digital video broadcasting
radio broadcasting
television broadcasting
DEU Direktrundfunk via Satellit

direct carbon fuel cells
BT fuel cells
SY *DCFC*
PT fuel cells
RT fuel cell power plants
molten carbonate fuel cells
solid oxide fuel cells
DEU Direktkohlenstoffbrennstoffzelle

direct coupled amplifiers
USE DC amplifiers

direct coupled FET logic
BT logic
SY *DCFL*
RT digital integrated circuits
field effect integrated circuits
integrated logic circuits
logic arrays
DEU direkt gekoppelte FET-Logik
DSY FET-Logik mit direkter Kopplung

direct current amplifiers
USE DC amplifiers

direct current generators
USE DC generators

direct current machines
USE DC machines

direct current motors
USE DC motors

direct current power transmission
USE DC power transmission

direct digital control
BT digital control
process control
SY *DDC*
RT control engineering computing
DEU direkte Digitalregelung
DSY direkte Digitalsteuerung

direct digital synthesis
BT digital circuits
frequency synthesizers
SY *DDS*
PT frequency synthesizers
DEU direkt-digitale Synthese

direct energy conversion
NT bioenergy conversion
cells (electric)
chemical energy conversion
electrostatic generators
energy harvesting
magnetohydrodynamic conversion
magnetohydrodynamic convertors
photothermal conversion
plasma diodes
solar energy conversion
thermionic conversion
thermoelectric conversion
SY *energy conversion, direct*
RT Brayton cycle

Carnot cycle
convertors
electric generators
electric power generation
energy storage
Otto cycle
Rankine cycle
Stirling engines
transducers
DEU Direktenergieumwandlung
DSY Energiedirektumwandlung

direct ethanol fuel cells
BT direct alcohol fuel cells
SY *DEFC*
PT fuel cells
RT fuel cell power plants
proton exchange membrane fuel cells
DEU Direktethanolbrennstoffzelle

direct marketing
USE marketing

direct memory access
USE file organisation
DEU Speicherdirektzugriff

direct methanol fuel cells
BT direct alcohol fuel cells
SY *DMFC*
PT fuel cells
RT fuel cell power plants
proton exchange membrane fuel cells
DEU Direktmethanolbrennstoffzelle

direct nuclear reactions and scattering
USE direct reactions

direct propane fuel cells
USE proton exchange membrane fuel cells

direct reactions
BT nuclear reactions and scattering
NT knock-on reactions
knock-out reactions
pick-up reactions
quasi-free reactions
stripping reactions
SY *direct nuclear reactions and scattering*
PT direct nuclear reactions and scattering
RT nuclear fragmentation
DEU Direktreaktion (Kerntechnik)

direct sequence code division multiple access
USE code division multiple access
\+ spread spectrum communication

direct sequence spread spectrum communication
USE code division multiple access
\+ spread spectrum communication

directed graphs
BT graph theory
NT belief networks
flow graphs
Petri nets
SY *digraphs*
PT graph theory
RT binary decision diagrams
decision diagrams
DEU gerichteter Graph

direction finders, radio
USE radio direction-finding

direction-of-arrival estimation
BT parameter estimation
SY *angle-of-arrival estimation*
bearing estimation
DOA estimation
PT array signal processing
parameter estimation
RT antenna arrays
array signal processing
maximum likelihood estimation
microphone arrays
radio direction-finding
signal detection
sonar
space-time adaptive processing
time-of-arrival estimation
DEU Ankunftsrichtungsschätzung

directional antennas
USE directive antennas

directional couplers
BT waveguide couplers
NT microstrip directional couplers
millimetre wave directional couplers
optical directional couplers
PT waveguide components
RT antenna accessories
antenna arrays
coupled circuits
radar equipment
DEU Richtkoppler

directional patterns
USE antenna radiation patterns

directional solidification
BT solidification
SY *unidirectional solidification*
PT solidification
RT crystal growth from melt
eutectic alloys
eutectic structure
DEU gerichtete Erstarrung

directive antennas
BT antennas
NT horn antennas
lens antennas
SY *directional antennas*
PT antennas
RT antenna arrays
antenna radiation patterns
log periodic antennas
DEU Richtantenne

directors (programs)
USE supervisory programs

direkt gekoppelte FET-Logik
DEU for direct coupled FET logic

direkt-digitale Synthese
DEU for direct digital synthesis

Direktalkoholbrennstoffzelle
DEU for direct alcohol fuel cells

Direktanalogrechner
DEU for direct analogues

direkte Digitalregelung
DEU for direct digital control

direkte Digitalsteuerung
DUS für direct digital control

Direktenergieumwandlung
DEU for direct energy conversion

Direktethanolbrennstoffzelle
DEU for direct ethanol fuel cells

Direktkohlenstoffbrennstoffzelle
DEU for direct carbon fuel cells

Direktmethanolbrennstoffzelle
DEU for direct methanol fuel cells

Direktreaktion (Kerntechnik)
DEU for direct reactions

Direktrundfunk via Satellit
DEU for direct broadcasting by satellite

Direktzugriffsspeicher
DEU for random-access storage

Direktzugriffsspeicher (RAM)
DUS für random-access storage

Direktzugriffsspeicherchip
DEU for DRAM chips

dirty superconductors
BT superconducting materials
superconductivity
PT superconducting materials
superconductivity
DEU gestörte Supraleitung
DSY verschmutzte Supraleitung

disabled persons' aids
USE handicapped aids

disassemblers
USE program assemblers

disassembly
USE assembling
\+ design for disassembly
\+ recycling

disaster management
USE emergency management

disaster recovery
USE business continuity

disasters
SY *natural disasters*
PT accidents
earthquakes
fires
pollution
storms
RT accidents
back-up procedures
business continuity
critical infrastructures
earthquakes
emergency management
emergency services
fires
floods
geophysical catastrophes
oil pollution

pollution
rescue robots
safety
security of data
storms
system recovery
terrorism
tsunami
wildfires
DEU Katastrophe
DSY Unglück
Unglücksfall

disc drives
BT computer peripheral equipment
SY *disk drives*
UF *floppy disc drives / disc drives + floppy discs*
UF *hard disc drives / disc drives + hard discs*
RT CD-ROMs
disc storage
floppy discs
hard discs
RAID
DEU Diskettengerät
DSY Laufwerk (Datenspeicher)

disc storage
NT magnetic disc storage
optical disc storage
RAID
SY *disk storage*
PT magnetic disc storage
optical disc storage
RT audio discs
disc drives
recording
storage media
DEU Laufwerk (Computer)

discharge lamps
BT lamps
NT arc lamps
electrodeless lamps
flash lamps
fluorescent lamps
metal vapour lamps
SY *gas discharge lamps*
glow discharge lamps
HID lamps
high intensity discharge lamps
PT lamps
RT discharges (electric)
gas-discharge tubes
glow discharges
DEU Gasentladungslampe

discharge lasers
USE gas lasers

discharge tubes
USE gas-discharge tubes

discharges (electric)
BT electric breakdown
NT arcs (electric)
dielectric-barrier discharges
electron avalanches
electrostatic discharge
flashover
glow discharges
high-frequency discharges
lightning
partial discharges
Penning discharges
sparks
surface discharges
Townsend discharge
SY *dark space*
electric discharges
gas discharges
streamers
striations
RT afterglows
corona
discharge lamps
electric properties
electrical discharge machining
electrical faults
electrodeless lamps
exploding wires
fault currents
fluids
gaseous insulation
insulation
ionisation
Langmuir probes
leakage currents
optogalvanic spectra
ozone generators
plasma
plasma chemistry
plasma production
positive column
short-circuit currents
space charge
vacuum breakdown
vacuum insulation
DEU Entladung (elektrisch)

discharges (partial)
USE partial discharges

disclinations
BT crystal defects
PT crystal defects
RT dislocations
liquid crystals
DEU Disklinition

discontinuous control systems
USE sampled data systems

discontinuous metallic thin films
BT island structure
metallic thin films
SY *granular metallic thin films*
island-like metallic thin films
PT metallic thin films
DEU diskontinuierliche metallische Dünnschicht

discophases
USE discotic liquid crystals

discotic liquid crystals
BT liquid crystals
SY *discophases*
UF *DLC / diamond-like carbon* +
discotic liquid crystals
PT liquid crystals
DEU diskotisches Flüssigkristall

discrete cosine transforms
BT discrete transforms
SY *DCT*
PT transforms
RT data compression
encoding (general)
filtering theory
image processing
prediction theory
signal processing
transform coding
variable length codes
video watermarking
DEU diskrete Cosinus-Transformation

discrete event simulation
BT digital simulation
NT time warp simulation
SY *activity-oriented simulation*
event-oriented simulation
process-oriented simulation
PT digital simulation
RT discrete event systems
DEU diskrete Ereignissimulation

discrete event systems
BT discrete systems
PT discrete time systems
RT discrete event simulation
Petri nets
production control
DEU diskretes Ereignissystem

discrete Fourier transforms
BT discrete transforms
fast Fourier transforms
SY *DFT (transforms)*
PT fast Fourier transforms
DEU diskrete Fourier-Transformation

discrete Hartley transforms
BT discrete transforms
Hartley transforms
PT Hartley transforms
DEU diskrete Hartley-Transformation

discrete Hilbert transforms
USE discrete transforms
\+ Hilbert transforms

discrete Radon transforms
USE discrete transforms
\+ Radon transforms

discrete symmetries
BT elementary particle symmetry
PT elementary particle symmetry
RT C invariance
CP invariance
CPT invariance
P invariance
parity
T invariance
DEU diskrete Symmetrie

discrete systems
NT discrete event systems
discrete time systems
sampled data systems
SY *quantum control systems*
PT discrete time systems
sampled data systems
RT control systems
DEU diskretes System

discrete time filters
BT discrete time systems
filters
NT sampled data filters
PT discrete time systems
RT digital filters
filtering theory
switched capacitor filters

DEU zeitdiskretes Filter

discrete time systems
BT discrete systems
NT discrete time filters
PT sampled data systems
RT causality
sampled data systems
DEU zeitdiskretes System

discrete transforms
BT transforms
NT discrete cosine transforms
discrete Fourier transforms
discrete Hartley transforms
discrete wavelet transforms
UF *discrete Hilbert transforms / discrete transforms + Hilbert transforms*
UF *discrete Radon transforms / discrete transforms + Radon transforms*
PT transforms
RT inverse transforms
DEU diskrete Transformation

discrete wavelet transforms
BT discrete transforms
wavelet transforms
PT wavelet transforms
RT audio watermarking
DEU diskrete Wavelet-Transformation

discriminators
BT networks (circuits)
RT comparators (circuits)
demodulators
phase detectors
DEU Diskriminator

discs (structures)
BT shapes (structures)
UF *blisks / blades + discs (structures)*
SY *disks (structures)*
RT rotors (mechanical)
wheels
DEU Scheibe (Form)

diseases
BT medicine
NT cancer
plant diseases
RT biohazards
cardiology
epidemics
medical disorders
patient diagnosis
patient treatment
DEU Krankheit

dishwashers
USE domestic appliances
DEU Geschirrspülmaschine

disk drives
USE disc drives

disk galaxies
USE galaxies

disk storage
USE disc storage
DEU Plattenspeicher

Diskettengerät
DEU for disc drives

Disklinition
DEU for disclinations

diskontinuierliche metallische Dünnschicht
DEU for discontinuous metallic thin films

diskotisches Flüssigkristall
DEU for discotic liquid crystals

diskrete Cosinus-Transformation
DEU for discrete cosine transforms

diskrete Ereignissimulation
DEU for discrete event simulation

diskrete Fourier-Transformation
DEU for discrete Fourier transforms

diskrete Hartley-Transformation
DEU for discrete Hartley transforms

diskrete Symmetrie
DEU for discrete symmetries

diskrete Transformation
DEU for discrete transforms

diskrete Wavelet-Transformation
DEU for discrete wavelet transforms

diskretes Ereignissystem
DEU for discrete event systems

diskretes System
DEU for discrete systems

Diskriminator
DEU for discriminators

disks (structures)
USE discs (structures)

dislocation anchoring
USE dislocation pinning

dislocation arrays
BT dislocations
PT dislocations
DEU Versetzungsfeld
DSY Versetzungsgruppe

dislocation climb
BT dislocation motion
SY *climb, dislocation*
PT dislocations
DEU Versetzungsklettern

dislocation damping
BT damping
dislocations
SY *dislocation relaxation*
UF *dislocation unpinning / dislocation damping + dislocation pinning*
UF *Hasiguti relaxation / anelastic relaxation + dislocation damping*
UF *Snoek-Koster relaxation / anelastic relaxation + dislocation damping*
PT dislocations
RT Bordoni effect
dislocation pinning
hysteresis
internal friction
DEU Versetzungsbedampfung

dislocation density
BT dislocations
PT dislocations
DEU Versetzungsdichte

dislocation dipoles
BT dislocations
SY *charged dislocations*
PT dislocations
DEU Verschiebungsdipol

dislocation drag
BT dislocations
SY *dislocation motion hindrance*
PT dislocations
RT dislocation interactions
DEU Verschiebungsverzerrung
DSY Verschiebungszug

dislocation energy
BT dislocations
PT dislocations
DEU Versetzungsenergie

dislocation etching
BT dislocations
etching
PT dislocations
etching
DEU Verschiebungsätzen
DSY Versetzungsätzen

dislocation glide
USE slip

dislocation interactions
BT dislocations
NT impurity-dislocation interactions
vacancy-dislocation interactions
PT dislocations
RT dislocation drag
DEU Verscheibungswechselwirkung

dislocation jogs
BT dislocations
PT dislocations
RT kink bands
DEU Verschiebungstoß

dislocation locking
BT dislocations
PT dislocations
RT Cottrell atmospheres
impurity-dislocation interactions
DEU Verschiebungsfeststellung

dislocation loops
BT dislocations
NT vacancy condensation loops
PT dislocations
DEU Verschiebungsschleife

dislocation motion
BT dislocations
NT dislocation climb
slip
PT dislocations
DEU Versetzungsaufstieg
DSY Versetzungsbewegung
Versetzungsschlupf

dislocation motion hindrance
USE dislocation drag

dislocation multiplication
BT dislocations
PT dislocations
RT Frank-Read sources
DEU Versetzungsmultiplikation

dislocation nucleation
BT dislocations
PT dislocations
RT nucleation
DEU Versetzungskeimausbildung

dislocation pile-ups
BT dislocations
PT dislocations
DEU Versetzungsanhäufung

dislocation pinning
BT dislocations
SY *dislocation anchoring*
UF *dislocation unpinning / dislocation damping* + *dislocation pinning*
PT dislocations
RT dislocation damping
grain boundaries
impurity-dislocation interactions
DEU Versetzungsverankerung

dislocation relaxation
USE dislocation damping

dislocation scattering
BT transport processes
SY *carrier scattering by dislocations*
PT electrical conductivity of solid metals and alloys
electrical conductivity of solid semiconductors and insulators
DEU Überlagerungsstreuung
DSY Verlagerungsstreuung

dislocation sources
BT dislocations
NT Frank-Read sources
PT dislocations
RT vacancy condensation loops
DEU Versetzungsquelle

dislocation structure
BT dislocations
PT dislocations
DEU Versatzstruktur
DSY Versetzungsstruktur

dislocation translation
USE slip

dislocation unpinning
USE dislocation damping
\+ dislocation pinning

dislocation-impurity interactions
USE impurity-dislocation interactions

dislocation-vacancy interactions
USE vacancy-dislocation interactions

dislocations
BT crystal defects
NT dislocation arrays
dislocation damping
dislocation density
dislocation dipoles
dislocation drag
dislocation energy
dislocation etching
dislocation interactions
dislocation jogs
dislocation locking
dislocation loops
dislocation motion
dislocation multiplication
dislocation nucleation
dislocation pile-ups
dislocation pinning
dislocation sources
dislocation structure
edge dislocations
screw dislocations
RT Bordoni effect
Cottrell atmospheres
disclinations
Frank-Read sources
grain boundaries
stacking faults
DEU Dislokation
DSY Konzentrationsdefekt
Versatz
Verschiebung
Versetzung

Dislokation
DEU for dislocations

dismissal (employment)
USE termination of employment

dispatching
NT goods dispatch data processing
load dispatching
RT goods distribution
DEU Abfertigung
DSY Versandt

disperse systems
NT aerogels
aerosols
colloids
emulsions
foams
fog
gels
polymer dispersed liquid crystals
smoke
sols
suspensions
SY *dispersions*
RT Brownian motion
dust
electrophoresis
fluids
mixtures
particle counting
particle size
particle size measurement
photophoresis
powders
sedimentation
DEU disperses System

dispersed power generation
USE distributed power generation

disperses System
DEU for disperse systems

dispersion (wave)
NT acoustic dispersion
optical dispersion
UF *attenuation / absorption* +
dispersion (wave) + *scattering* +
transmission
PT waves
RT colour
dispersion relations
dispersive media
refraction
refractive index
DEU Dispersion
DSY Feinverteilung
Streuung (Welle)
Verteilung
Zerstreuung

dispersion forces
USE intermolecular forces

dispersion hardening
BT hardening
NT precipitation hardening
PT hardness
precipitation
RT mechanical alloying
transformation toughening
DEU Dispersionshärten

dispersion power, rotatory
USE optical rotation

dispersion relations
BT linear algebra
NT Kramers-Kronig relations
Mandelstam representation
N/D method
phonon dispersion relations
RT dispersion (wave)
elementary particle theory
phonons
plasma instability
plasma waves
quantum field theory
S-matrix theory
DEU Dispersionsbeziehung
DSY Dispersionsrelation
Dispersionsverhältnis

Dispersion von Ultraschall
DEU for ultrasonic dispersion

dispersions
USE disperse systems

Dispersionsbeziehung
DEU for dispersion relations

Dispersionshärten
DEU for dispersion hardening

Dispersionsrelation
DUS für dispersion relations

Dispersionsverhältnis
DUS für dispersion relations

Dispersion
DEU for dispersion (wave)

dispersive channels
BT telecommunication channels
PT telecommunication channels
RT fading channels
intersymbol interference
multipath channels
time-varying channels
DEU dispersiver Kanal
DSY Streukanal

dispersive media
RT dispersion (wave)
electromagnetic wave propagation
electromagnetic wave scattering
optical dispersion
solitons
DEU Streumedium

dispersiver Kanal
DEU for dispersive channels

displacement control
BT spatial variables control
PT spatial variables control
RT displacement measurement
position control
DEU Versatzkontrolle
DSY Versatzsteuerung
Verschiebungskontrolle
Verschiebungssteuerung

displacement measurement
BT spatial variables measurement
PT distance measurement
length measurement
RT capacitive sensors
displacement control
inductive sensors
DEU Verschiebungsmessung

displacive transformations
BT solid-state phase transformations
NT martensitic transformations
reverse martensitic transformations
PT solid-state phase transformations
RT commensurate-incommensurate transformations
ferroelectric transitions
polymorphic transformations
soft modes
DEU Durchdringungstransformation

display devices
BT display instrumentation
NT cathode-ray tube displays
electrochromic displays
electroluminescent displays
electronic paper
electrophoretic displays
ferroelectric displays
field emission displays
flat panel displays
flexible displays
gas-discharge displays
holographic displays
liquid crystal displays
microdisplays
SY *vacuum fluorescent displays*
PT display equipment
display systems
RT digital readout
gas-discharge tubes
large screen displays
light emitting diodes
liquid crystal devices
optical projectors
oscilloscopes
DEU Anzeigegerät

display instrumentation
BT instrumentation
NT aircraft displays
auditory displays
colour displays
computer displays
display devices
head-up displays
helmet mounted displays
large screen displays
logic analysers
oscilloscopes
radar displays
screens (display)
television displays
three-dimensional displays
PT display equipment
display instruments
display systems
RT computer peripheral equipment
digital instrumentation
digital readout
indicators
light valves
readout electronics
remote consoles
DEU Anzeigeinstrument
DSY Anzeigeinstrumentierung

display tubes, television
USE television picture tubes

displays, radar
USE radar displays

disruptive voltage
USE electric breakdown

dissemination of information
USE information dissemination

dissipation (heat)
USE cooling

dissipative media
USE absorbing media

dissociation
BT chemical reactions
NT electron impact dissociation
photodissociation
positron impact dissociation
predissociation
UF *atomisation / dissociation + sprays*
SY *Coulomb explosion*
dehydration (chemical reactions)
deprotonation
UF *dissociative attachment / dissociation + electron attachment + positron attachment*
UF *dissociative recombination / dissociation + ion recombination*
SY *molecular dissociation*
RT association (chemical)
dissociation energies
heat of dissociation
ionisation
DEU Dissoziation

dissociation energies
SY *energies, molecular dissociation*
molecular dissociation energies
PT molecular dissociation energies
RT dissociation
potential energy functions
DEU Dissoziationsenergie

dissociative attachment
USE dissociation
\+ electron attachment
\+ positron attachment

dissociative recombination
USE dissociation
\+ ion recombination

dissolution
USE dissolving

dissolved air flotation
USE flotation (process)

dissolving
BT mixing
SY *dissolution*
RT deaeration
heat of solution
leaching
solubility
solutions
solvation
solvents (industrial)
DEU Auflösen
DSY Auflösung
Lösen
Schmelzen
Zersetzen

Dissoziation
DEU for dissociation

Dissoziationsenergie
DEU for dissociation energies

Dissoziationswärme
DEU for heat of dissociation

distance learning
BT education
RT computer aided instruction
continuing education
educational technology
learning management systems
teaching
DEU Fernunterricht

distance measurement
BT spatial variables measurement
NT laser ranging
SY *odometers*
range finding
RT interferometry
micrometry
navigation
radio tracking
road vehicle radar
sonar
DEU Abstandsmessung
DSY Distanzmessung
Entfernungsmessung

Distanzmessung
DUS für distance measurement

distillation
NT fractionation
UF *solar stills / distillation + solar absorber-convertors*
RT boiling
chemical exchanges
chemical technology
condensation
distillation equipment
distilleries
essential oils
phase transformations
separation
DEU Destillation

distillation columns
USE distillation equipment

distillation equipment
BT chemical technology
production equipment
SY *distillation columns*
PT distillation
RT distillation
distilleries
DEU Destillationsausrüstung
DSY Destillierausrüstung

Distillerie
DEU for distilleries

distilleries
BT production facilities
PT distillation
RT beverage industry
breweries
distillation
distillation equipment
wineries
DEU Distillerie
DSY Schnapsbrennerei

Distorsion (medizinisch)
DEU for distortion

distorted wave Born approximation
USE DWBA

distortion
NT acoustic distortion
nonlinear distortion
optical distortion
SY *electric distortion*
signal distortion
PT electric distortion
RT distortion measurement
electrical faults
fading
interference (signal)
jitter
DEU Distorsion (medizinisch)
DSY Entstellung
Verdrehung
Verfälschung
Verkrümmung
Verstauchung
Verwerfung
Verwindung
Verzeichnung
Verzerrung
Verzug

distortion measurement
BT measurement
UF *acoustic distortion measurement / acoustic variables measurement + distortion measurement*
UF *electric distortion measurement / distortion measurement + electric variables measurement*
UF *optical distortion measurement / distortion measurement + optical variables measurement*
PT electric distortion measurement
RT distortion
noise measurement
DEU Verformungsmessung
DSY Verwindungsmessung
Verzerrungsmessung

distortive transformations
USE solid-state phase transformations

distributed algorithms
BT distributed processing
NT parallel algorithms
PT distributed processing
RT calculus of communicating systems
communicating sequential processes
concurrency theory
distributed programming
DEU verteilter Algorithmus

distributed amplifiers
BT amplifiers
distributed parameter networks
RT travelling wave amplifiers
wideband amplifiers
DEU verteilter Verstärker

distributed arithmetic
BT digital arithmetic
PT digital arithmetic
DEU verteilte Arithmetik

distributed Bragg reflector lasers
BT distributed Bragg reflectors
lasers
SY *DBR lasers*
PT lasers
RT integrated optics
laser mirrors
semiconductor lasers
DEU verteilter Bragg-Reflektor-Laser

distributed Bragg reflectors
BT mirrors
NT distributed Bragg reflector lasers
SY *DBR*
PT mirrors
RT integrated optics
DEU verteilter Bragg-Reflektor

distributed control
BT automation
PT process control
RT decentralised control
distributed decision making
distributed processing
interconnected systems
networked control systems
process control
DEU verteilte Steuerung und Regelung

distributed databases
BT database management systems
distributed processing
NT parallel databases
replicated databases
UF *distributed file systems / distributed databases + network operating systems*
SY *federated databases*
heterogeneous databases
multi-databases
PT database management systems
distributed processing
RT computer networks
concurrency control
data warehouses
database theory
operating systems (computers)
relational databases
DEU verteilte Datenbank

distributed decision making
BT decision making
decision theory
PT decision theory
RT analytic hierarchy process
decision support systems
distributed control
DEU verteilte Entscheidungsfindung

Distributed Denial of Service attacks
USE computer network security

distributed feedback lasers
BT lasers
SY *DFB lasers*
PT lasers
RT dye lasers
integrated optics
laser feedback
semiconductor lasers
DEU DFB-Laser
DSY verteilter Rückkopplungslaser

distributed feedback oscillators
USE feedback oscillators

distributed file systems
USE distributed databases
\+ network operating systems

distributed memory systems
BT multiprocessing systems
NT distributed shared memory systems
transputer systems
PT multiprocessing systems
RT grid computing
metacomputing
workstation clusters
DEU verteiltes Speichersystem

distributed object management
BT distributed processing
SY *Common Object Request Broker Architecture*
Component Object Model
CORBA
DCOM
UF *JavaBeans / distributed object management + Java*
PT distributed processing
object-oriented programming
RT aspect-oriented programming
client-server systems
distributed programming
middleware
mobile agents
object-oriented programming
remote procedure calls
DEU verteiltes Objektmanagement

distributed operating systems
USE network operating systems

distributed parameter filters
BT distributed parameter networks
filters
NT strip line filters
PT distributed parameter networks
RT microwave filters
millimetre wave filters
UHF filters
DEU verteiltes Parameterfilter

distributed parameter networks
BT networks (circuits)
NT distributed amplifiers
distributed parameter filters
RT baluns
circuit theory
coupled transmission lines
distributed parameter systems
linear network analysis
linear network synthesis
microwave circuits
transmission line theory
DEU verteiltes Netz

distributed parameter systems
BT control systems
SY *hereditary systems*
RT delay-differential systems
delays
distributed parameter networks
flexible structures
multidimensional systems
DEU verteiltes System

distributed power generation
BT electric power generation
SY *dispersed power generation*
embedded power generation
UF *islanding / distributed power generation + power distribution faults*
SY *microgrid*
PT distribution networks
electric power generation
RT distribution networks
hybrid power systems
renewable energy sources
DEU verteilte Energieerzeugung
DSY verteilte Stromerzeugung

distributed processing
NT client-server systems
computer networks
distributed algorithms
distributed databases
distributed object management
distributed programming
message passing
metacomputing
mobile computing
multiprocessing programs
multiprocessing systems
network operating systems
open systems
parallel processing
pipeline processing
processor scheduling
remote procedure calls
volunteer computing
PT computer networks
RT computer installation
concurrency control
distributed control
operating systems (computers)
reconfigurable architectures
workflow management software
DEU verteilte Verarbeitung (DV)

distributed programming
BT distributed processing
programming
NT parallel programming
UF *applets / distributed programming + Java + object-oriented programming*
SY *mobile code*
PT distributed processing
RT concurrency theory
distributed algorithms
distributed object management
Java
mobile agents
DEU verteilte Programmierung

distributed queue dual bus
USE access protocols
\+ metropolitan area networks

distributed sensors
BT sensors
NT wireless sensor networks
RT fibre optic sensors
sensor arrays
sensor placement
DEU verteilte Sensortechnik

distributed shared memory systems
BT distributed memory systems
shared memory systems
PT distributed memory systems
shared memory systems
DEU verteiltes geteiltes Speichersystem

distributed tracking
BT tracking
DEU verteilte Nachführung
DSY verteilte Verfolgung

distribution networks
BT networks (circuits)
power distribution
NT power distribution control
power distribution economics
power distribution faults
power distribution lines

power distribution planning
power distribution protection
power distribution reliability
underground distribution systems
SY *power distribution networks*
UF *power networks / distribution networks + transmission networks*
RT capacitor switching
distributed power generation
electric conduits
ferroresonance
load flow
power grids
power stations
power systems
reactive power
smart power grids
substations
traction power supplies
transmission networks
DEU Verteilungsnetz

distribution strategy
BT goods distribution
PT goods distribution
RT travelling salesman problems
DEU Verteilungsstrategie
DSY Warenverteilungsstrategie

distributions, statistical
USE statistical distributions

distributive data processing
BT administrative data processing
NT goods dispatch data processing
stock control data processing
warehouse automation
PT distributive administrative data processing
DEU verteilte Datenverarbeitung

district heating
BT space heating
PT heating
RT cogeneration
DEU Fernwärme

diurnal activity (biological)
USE circadian rhythms

divacancies
USE vacancies (crystal)

diversity combining
USE diversity reception

diversity reception
BT reception
SY *diversity combining*
diversity transmission
maximal ratio combining
selection combining
RT amplify and forward communication
channel estimation
cooperative communication
decode and forward communication
fading
multipath channels
multiuser detection
relay networks (telecommunication)
space-time block codes
DEU Diversity-Übertragung

diversity transmission
USE diversity reception

Diversity-Übertragung
DEU for diversity reception

diverters
USE divertors

diverters (fusion reactors)
USE fusion reactor divertors

Divertor
DUS für divertors

divertors
BT surge protection
SY *diverters*
PT surge protection
RT arresters
lightning protection
power system protection
DEU Ablenkeinheit
DSY Ablenker
Divertor

divertors (fusion reactors)
USE fusion reactor divertors

divide and conquer methods
BT problem solving
PT problem solving
RT inference mechanisms
neural nets
DEU Teile-und-Herrsche-Methode

dividers, frequency
USE frequency dividers

dividers, voltage
USE voltage dividers

dividing circuits
BT networks (circuits)
NT frequency dividers
voltage dividers
RT analogue computer circuits
digital arithmetic
DEU Division (Mathematik)

diving equipment
USE compressed air systems
\+ underwater equipment
DEU Taucherausrüstung

Division (Mathematik)
DEU for dividing circuits

DLC
USE diamond-like carbon
\+ discotic liquid crystals

DLTS
USE deep level transient spectroscopy

DLTS-Spektroskopie
DEU for deep level transient spectroscopy

DMFC
USE direct methanol fuel cells

DMM
USE digital multimeters

Dmol
USE density functional theory

DMOS integrated circuits
USE MOS integrated circuits

DNA
BT macromolecules
organic compounds
SY *desoxyribonucleic acids*
PT macromolecules
RT gene therapy
molecular biophysics
proteins
DEU DNA (Desoxyribnukleinsäure)

DNA (Desoxyribnukleinsäure)
DEU for DNA

DNA computing
USE biocomputing

DNA microarrays
USE lab-on-a-chip

DNMR
USE double nuclear magnetic resonance

DNMR (Doppelkernmagnetresonanz)
DEU for double nuclear magnetic resonance

DNQR
USE double nuclear magnetic resonance
\+ nuclear quadrupole resonance

DO stars
USE white dwarfs

DOA estimation
USE direction-of-arrival estimation

docks
USE sea ports

document delivery
BT information science
PT information dissemination
RT bibliographic systems
full-text databases
information dissemination
DEU Dokumentenbereitstellung

document folding machines
USE mailing systems

document handling
BT data handling
information management
NT character sets
document image processing
page description languages
text analysis
word processing
SY *document management systems*
electronic document handling
PT data handling
word processing
RT content management
desktop publishing
electronic mail
semantic Web
DEU Dokumentenbearbeitung
DSY Dokumentenhandling

document image databases
USE visual databases

document image processing
BT document handling
image processing
records management
UF *image management systems / document image processing + visual databases*
SY *optical filing*
PT records management
RT business graphics
data handling
electronic publishing
image scanners
optical character recognition
text detection
visual databases
DEU Dokumentbebilderung
DSY Dokumentenbebilderung
Dokumentenbildgebung
Dokumentenverarbeitung

document management systems
USE document handling

document retrieval
USE information retrieval

documentation
USE information science
\+ system documentation

documentation, program and system
USE system documentation

DOE
USE diffractive optical elements

Dokumentbebilderung
DEU for document image processing

Dokumentenbearbeitung
DEU for document handling

Dokumentenbebilderung
DUS für document image processing

Dokumentenbereitstellung
DEU for document delivery

Dokumentenbildgebung
DUS für document image processing

Dokumentenhandling
DUS für document handling

Dokumentenverarbeitung
DUS für document image processing

Domäne
DEU for domain

Domänengrenze
DEU for domain boundaries

Domänenwand
DEU for domain walls

Domänenwand (elektrisch)
DEU for electric domain walls

Domäne
DUS für domains

domain
NT domain walls
DEU Domäne
DSY Gebiet

domain boundaries
BT crystal microstructure
NT antiphase boundaries
PT crystal microstructure
RT domains
DEU Domänengrenze

domain names (Internet)
USE government policies
\+ Internet
\+ legislation

domain walls
BT domain
walls
DEU Domänenwand

domains
NT electric domains
magnetic domains
UF *ferroelastic domains / domains + ferroelasticity*
PT ferroelectric materials
magnetic domains
RT acoustoelectric effects
crystal microstructure
domain boundaries
DEU Bereich
DSY Domäne

domestic appliances
NT gas appliances
ovens
refrigerators
SY *appliances, domestic*
dishwashers
UF *electrical appliances / domestic appliances + electrical products*
UF *hotplates / domestic appliances + electric heating*
SY *household appliances*
kitchen appliances
white goods
RT air conditioning
consumer electronics
cyclone separators
domestic safety
electric heating
electrical products
electronics industry
home automation
home networks
power utilisation
total energy systems
ventilation
washing machines
DEU Haushaltgerät

domestic safety
BT safety
SY *safety in the home*
PT safety
RT domestic appliances
electrical safety
health hazards
occupational safety
DEU Haushaltssicherheit

domestic waste disposal
USE refuse disposal

donor levels
USE impurity states

doors
BT construction components
manufactured products
RT handles
hinges
keys (locking)
DEU Tür (Produkt)

doping
NT doping profiles
semiconductor doping
RT alloying additions
impurities
DEU Doping
DSY Dotierung

doping profiles
BT doping
PT crystal impurities
semiconductor doping
RT buried layers
impurity distribution
semiconductor doping
DEU Dotierungsverteilung

Doping
DEU for doping

Doppel-Beta-Zerfall
DEU for double beta decay

Doppel-Betazerfall
DUS für double beta decay

Doppel-Kernmagnetresonanz
DUS für double nuclear magnetic resonance

Doppelbetazerfall
DUS für double beta decay

Doppelbrechung
DEU for birefringence

Doppelgrenze
DEU for twin boundaries

Doppelkernmagnetresonanz
DUS für double nuclear magnetic resonance

Doppelkernmagnetresonanz (DNMR)
DUS für double nuclear magnetic resonance

Doppelkristall
DUS für bicrystals

doppellineares System
DUS für bilinear systems

Doppellipidschicht
DEU for lipid bilayers

doppelnukleare Magnetresonanz
DUS für double nuclear magnetic resonance

Doppelstern
DEU for binary stars

Doppler broadening
BT Doppler effect
spectral line broadening
PT Doppler effect
spectral line breadth
RT Doppler shift
spectra (general)
DEU Doppler-Verbreiterung

Doppler effect
NT Doppler broadening
Doppler measurement
Doppler shift
RT acoustic radiators
acoustic wave propagation
acoustic waves
dopplerons
electromagnetic waves
light
navigation
radar
velocity
DEU Doppler-Effekt
DSY Doppler-Wirkung

Doppler lidar
USE optical radar

Doppler measurement
BT Doppler effect
NT Doppler radar
laser Doppler anemometry
UF *laser Doppler velocimeters / Doppler measurement + laser velocimeters*
UF *laser Doppler velocimetry / Doppler measurement + laser velocimetry*
PT Doppler effect
RT biomedical ultrasonics
laser velocimetry
ultrasonic imaging
DEU Doppler-Sonographie

Doppler radar
BT Doppler measurement
radar
SY *pulse Doppler radar*
PT Doppler effect
RT CW radar
DEU Doppler-Radar

Doppler shift
BT Doppler effect
spectral line shift
PT Doppler effect
spectral line shift
RT Doppler broadening
red shift
spectra (general)
DEU Doppler-Verschiebung

Doppler-Effekt
DEU for Doppler effect

Doppler-Laseranemometrie
DEU for laser Doppler anemometry

Doppler-Radar
DEU for Doppler radar

Doppler-Sonographie
DEU for Doppler measurement

Doppler-Verbreiterung
DEU for Doppler broadening

Doppler-Verschiebung
DEU for Doppler shift

Doppler-Wirkung
DUS für Doppler effect

Doppleron
DEU for dopplerons

dopplerons
BT energy states
PT electron energy states (condensed matter)
RT cyclotron resonance
Doppler effect
DEU Doppleron

DoS attacks
USE computer network security

Dose
DUS für cans

dosemeters
USE dosimeters

Dosimeter
DEU for dosimeters

dosimeters
BT meters
NT thermoluminescent dosimeters
SY *dosemeters*
film badges
PT dosimetry
RT dosimetry
particle detectors
radiation effects
DEU Dosimeter

DSY Dosismessbauelement
Dosismesser
Dosismessgerät

Dosimetrie
DEU for dosimetry

dosimetry
BT measurement
UF *health physics / dosimetry + health hazards + radiation monitoring + radiation protection*
SY *kerma*
microdosimetry
radiation dosimetry
RT biological effects of radiation
brachytherapy
cancer
collimators
dosimeters
natural radioactivity hazards
neutron capture therapy
phantoms
photodynamic therapy
radiation detection
radiation monitoring
radiation protection
radiation therapy
radioactivity measurement
thermoluminescent dosimeters
DEU Dosimetrie

Dosismessbauelement
DUS für dosimeters

Dosismesser
DUS für dosimeters

Dosismessgerät
DUS für dosimeters

dot matrix printers
USE matrix printers

Dotierung
DUS für doping

Dotierungsverteilung
DEU for doping profiles

double beta decay
BT beta-decay
PT beta-decay
RT neutrino mass
unified field theories
DEU Doppel-Beta-Zerfall
DSY Doppel-Betazerfall
Doppelbetazerfall

double heterostructure lasers
USE semiconductor lasers

double layer capacitors
USE supercapacitors

double layers (plasma)
USE plasma sheaths

double mode Cepheids
USE variable stars

double negative materials
USE metamaterials

double nuclear magnetic resonance
BT magnetic double resonance
nuclear magnetic resonance
NT INDOR
SY *DNMR*
UF *DNQR / double nuclear magnetic resonance + nuclear quadrupole resonance*
UF *double nuclear quadrupole resonance / double nuclear magnetic resonance + nuclear quadrupole resonance*
SY *DRCM*
gated spin tickling
radiofrequency-radiofrequency double resonance
spin decoupling (NMR)
spin tickling (NMR)
PT magnetic double resonance
nuclear magnetic resonance
DEU DNMR (Doppelkernmagnetresonanz)
DSY Doppel-Kernmagnetresonanz
Doppelkernmagnetresonanz
Doppelkernmagnetresonanz (DNMR)
doppelnukleare Magnetresonanz
Kerndoppelmagnetresonanz
Kernmagnetdoppelresonanz

double nuclear quadrupole resonance
USE double nuclear magnetic resonance
\+ nuclear quadrupole resonance

double refraction
USE birefringence

double refraction, electric
USE electro-optical effects

double refraction, magnetic
USE magneto-optical effects

double resonance, electron nuclear
USE ENDOR (electron nuclear double resonance)

double stars
USE binary stars

double-contact binaries
USE eclipsing binary stars

DOV stars
USE variable stars
\+ white dwarfs

DP audits
USE auditing

DP industry
BT industries
NT trusted computing
SY *computer companies*
computer industry
computer manufacturers
data processing industry
PCM (computing industry)
plug compatible manufacturers
UF *software industry / DP industry + software houses*
SY *software vendors*
PT data processing
RT computer installation
DP management
electronics industry
research initiatives
software product lines
DEU Datenverarbeitungsindustrie

DP management
BT management
NT back-up procedures
capacity management (computers)
computer evaluation
computer rental
computer selection
software management
software selection
UF *computer installation management / computer centres + DP management*
SY *computing management*
EDP management
installation management (computers)
IT management
PT management
RT auditing
Bring Your Own Device
business continuity
computer installation
computer maintenance
computer network management
computer network security
computer operating procedures
computer purchase
computer stationery
configuration management
cryptography
data privacy
digital forensics
DP industry
resource allocation
security of data
software cost estimation
software quality
technology management
telecommunication network management
unsolicited e-mail
user centred design
DEU Datenverarbeitungsorganisation

DP stars
USE white dwarfs

DPCM
USE differential pulse code modulation

DPSK
USE differential phase shift keying

DQ Her stars
USE cataclysmic binary stars
\+ white dwarfs

DQ stars
USE white dwarfs

DQDB
USE access protocols
\+ metropolitan area networks

DQRLC
USE energy level crossing
\+ magnetic double resonance
\+ nuclear quadrupole resonance

drag
BT fluid dynamics
NT drag reduction
PT aerodynamics
fluid dynamics
hydrodynamics

RT aerodynamics
fluid oscillations
friction
hydrodynamics
Navier-Stokes equations
parachutes
polymer solutions
rarefied fluid dynamics
surface waves (fluid)
turbulence
DEU Reibungsreduktion
DSY Ziehen
Zug (Beanspruchung)

drag reduction
BT drag
PT fluid dynamics
RT friction
polymer solutions
turbulence
DEU Turbulenzunterdrückung
DSY Zugreduzierung

Dragon computers
BT digital computers
PT microcomputers
RT microcomputers
DEU Dragon-Computer

Dragon-Computer
DEU for Dragon computers

Draht (allgemein)
DEU for wires (general)

Draht (elektrisch)
DEU for wires (electric)

Drahtantenne
DEU for wire antennas

drahtlose Kommunikation
DEU for radiocommunication

drahtloser Kanal
DEU for wireless channels

drahtloses Sensornetz
DEU for wireless sensor networks

drahtloses Sensornetzwerk
DUS für wireless sensor networks

drahtloses vermaschtes netz
DEU for wireless mesh networks

Drahtrolle
DUS für coils

Drahtziehen
DEU for wire drawing

Drall
DEU for angular momentum

Drallströmung
DEU for swirling flow

DRAM chips
BT integrated memory circuits
random-access storage
SY *dynamic RAM*
SDRAM chips
synchronous DRAM chips
PT integrated memory circuits
random-access storage
RT BiCMOS memory circuits
bipolar memory circuits
CMOS memory circuits
field effect memory circuits
MOS memory circuits
storage management chips
VLSI
DEU Direktzugriffsspeicherchip
DSY DRAM-Chip

DRAM-Chip
DUS für DRAM chips

drama
USE humanities

drawability
USE ductility

drawing (mechanical)
BT manufacturing processes
NT bar drawing
deep drawing
wire drawing
PT forming processes
RT deformation
extrusion
metalworking
optical fibre fabrication
sheet metal processing
DEU Zeichnen (mechanisch)

DRCM
USE double nuclear magnetic resonance

Dreheiseninstrument
DEU for moving-iron instruments

Dreheisenmesswerk
DUS für moving-iron instruments

Drehen (Bearbeitung)
DEU for turning (machining)

Drehfeld-Wechselstromgenerator
DUS für AC generators

Drehfeldmotor
DUS für AC motor drives

Drehgrenze
DUS für twist boundaries

Drehimpulstheorie
DEU for angular momentum theory

Drehkonverter
DEU for rotary convertors

Drehmagnetinstrument
DEU for moving-magnet instruments

Drehmaschine
DEU for lathes

Drehmelder
DEU for synchros

Drehmoment
DEU for torque

Drehmomentmesser
DEU for torquemeters

Drehmomentmessung
DEU for torque measurement

Drehmomentmesswerk
DUS für moving-magnet instruments

Drehmomentmotor
DEU for torque motors

Drehmomentregelung
DEU for torque control

Drehmomentwandler
DEU for torque convertors

Drehspulinstrument
DEU for moving-coil instruments

Drehspulmesswerk
DUS für moving-coil instruments

Drehstrom-Gleichstrom-Konverter
DEU for AC-DC power convertors

Drehstrom-Gleichstrom-Wandler
DUS für AC-DC power convertors

Drehstrom-Gleichstromkonverter
DUS für AC-DC power convertors

Drehstrom-Gleichstromwandler
DUS für AC-DC power convertors

Drehstromantrieb
DUS für AC motor drives

Drehstromantriebsmotor
DUS für AC motor drives

Drehstromgenerator
DUS für AC generators

Drehstromkonverter
DEU for AC-AC power convertors

Drehstromleistungskonverter
DUS für AC-AC power convertors

Drehstromleistungswandler
DUS für AC-AC power convertors

Drehstrommaschine
DUS für AC machines

Drehstrommotor
DEU for AC motors

Drehstrommotorantrieb
DUS für AC motor drives

Drehstrommotorschutz
DEU for AC motor protection

Drehstrommotor
DUS für AC motor drives

Drehstromwandler
DUS für AC-AC power convertors

drehzahlveränderlicher Antrieb
DEU for variable speed drives

Drei-Fünfverbindung
DEU for III-V semiconductors

Drei-Sechsverbindung
DEU for III-VI semiconductors

dreidimensionale integrierte Schaltung
DEU for three-dimensional integrated circuits

dreidimensionaler integrierter Schaltkreis
DUS für three-dimensional integrated circuits

dreidimensionales Display
DEU for three-dimensional displays

dreidimensionales Drucken
DUS für three-dimensional printing

dreidimensionales Fernsehen
DEU for three-dimensional television

Dreiphasenwechselstromgenerator
DUS für AC generators

Dreistromerzeugung
DEU for trigeneration

Dreiwertregelung
DEU for three-term control

Dreiwertsteuerung
DUS für three-term control

dressed atoms
USE dressed states

dressed states
BT energy states
SY *dressed atoms*
RT atom-photon collisions
excited states
quantum optics
radiation pressure
DEU feiner Zustand

drift chambers
BT multiwire proportional chambers
PT position sensitive particle detectors
proportional counters
RT ionisation chambers
DEU Driftkammer

drift instability
BT plasma instability
PT plasma instability
RT plasma confinement
plasma fluctuations
plasma oscillations
DEU Driftinstabilität

drift waves (plasma)
USE plasma drift waves

Driftinstabilität
DEU for drift instability

Driftkammer
DEU for drift chambers

drilling
BT machining
SY *drilling (machining)*
PT machining
RT boring
deburring
drilling machines
tapping (machining)
DEU Bohren

drilling (geotechnical)
BT geotechnical engineering
NT oil drilling
SY *borehole drilling*
UF *casing (borehole) / drilling (geotechnical) + linings + oil drilling*
UF *gas drilling / drilling (geotechnical) + natural gas technology*
SY *well drilling*
PT geophysical prospecting
geotechnical engineering
RT anchors
Earth crust
foundations
gas industry
geophysical prospecting
geophysical techniques
groundwater
hydrocarbon reservoirs
natural gas technology
offshore installations
petroleum industry
rocks
DEU Bohren (Geotechnik)

drilling (machining)
USE drilling

drilling machines
BT machine tools
PT machine tools
RT construction equipment
drilling
DEU Bohrmaschine
DSY Bohrmaschine (allgemein)

drilling, oil
USE oil drilling

drinks
USE beverages

drive shafts
USE shafts

driver circuits
BT convertors
pulse circuits
SY *drivers*
laser drivers
LCD drivers
line drivers
RT invertors
power electronics
pulse generators
DEU Treiberstufe

driver information systems
BT traffic information systems
PT information systems
RT automotive electronics
intelligent transportation systems
navigation
public information systems
DEU Fahrerinformationssystem

drivers
USE driver circuits

drivers (software)
USE device drivers

drives
NT electric drives
hydraulic drives
pneumatic drives
RT ball screws
belts
chains
clutches
power transmission (mechanical)
power utilisation
propulsion
shafts
sprockets
torque convertors
vehicles
DEU Antrieb (Technik)

drizzle
USE rain

DRO
USE dielectric resonator oscillators

drop model (nuclear)
USE nuclear liquid drop model

droplet model (nuclear)
USE nuclear liquid drop model

droplets
USE drops

drops
SY *droplets*
RT capillarity
condensation
liquids
sprays
DEU Trophen

dross
USE slag

drought
USE hydrology
\+ rain

Druck (Mechanik)
DUS für pressure

Druck (Physik)
DEU for pressure

Druck-Signalwandler
DUS für pressure transducers

Druckaufnehmer
DUS für pressure transducers

Druckbehälter
DEU for pressure vessels

Druckbehälterausfall
DUS für pressure vessels

Druckbehälterrichtlinie
DUS für pressure vessels

Druckdifferenz-Messwertgeber
DUS für pressure transducers

Drucken (Bedrucken)
DEU for printing

Drucker (Gerät)
DEU for printers

Druckfestigkeit
DEU for compressive strength

Druckgießen
DEU for die casting

Druckguss
DUS für die casting

Druckindustrie
DEU for printing industry

Druckkontrolle
DEU for pressure control

Druckluftanlage
DEU for compressed air systems

Druckluftenergiespeicher
DEU for compressed air energy storage

Druckluftsystem
DUS für compressed air systems

Druckmaschine
DEU for printing machinery

Druckmessaufnehmer
DUS für pressure transducers

Druckmesser
DEU for pressure gauges

Druckmessumformer
DUS für pressure transducers

Druckmessung
DEU for pressure measurement

Druckmesswandler
DUS für pressure transducers

Druckprüfung
DEU for compressive testing

Druckregelung
DUS für pressure control

Druckschrumpfen
DEU for snap fitting

Drucksensor
DUS für pressure gauges

Drucksensor
DEU for pressure sensors

Drucksteuerung
DUS für pressure control

Druckübertrager
DUS für pressure transducers

Druckumformer
DUS für pressure transducers

Druckwandler
DEU for pressure transducers

drug delivery systems
BT patient treatment
PT biomedical equipment
patient treatment
RT biocontrol
biomedical electronics
biomedical materials
drugs
nanomedicine
prosthetics
DEU Arzneimittelliefersystem

drug industry
USE pharmaceutical industry

drugs
BT pharmaceuticals
RT drug delivery systems
organic compounds
DEU Arzneimittel

dry cleaning
USE laundering

drying
BT manufacturing processes
SY *dehydration (desiccation process)*
desiccation
UF *spray drying / drying + powder technology + spraying*
RT curing
electric heating
evaporation
fluidised beds
food processing industry
kilns
microwave materials processing
paper industry
plastics industry
separation
textile industry
DEU Trocknen

Ds (chemical element)
USE darmstadtium
DEU Ds (chemisches Element)

Ds (chemisches Element)
DEU for Ds (chemical element)

DS stars
USE white dwarfs

DS-CDMA
USE code division multiple access
\+ spread spectrum communication

DS-SS communication
USE code division multiple access
\+ spread spectrum communication

DSC
USE differential scanning calorimetry

DSL
USE digital subscriber lines

DSM
USE demand side management

DSO
USE digital storage oscilloscopes

DSP chips
USE digital signal processing chips

DTA
USE differential thermal analysis

DTA (Differential Thermal Analysis)
DUS für differential thermal analysis

DTL
USE diode-transistor logic

dual band antennas
USE multifrequency antennas

dual codes
BT codes
SY *self-dual codes*
PT codes
encoding (general)
RT linear codes
Reed-Muller codes
DEU Dualcode
DSY dualer Code

dual frequency antennas
USE multifrequency antennas

dual fuel engines
BT engines
PT engines
RT diesel engines
hybrid electric vehicles
internal combustion engines
DEU Zweistoffmotor

dual inline packaging
USE electronics packaging

dual models
BT elementary particle interaction models
elementary particle strong interactions
NT extended objects
Veneziano model
SY *duality (elementary particles)*
PT duality and dual models
DEU duales Modell

dual offset reflector antennas
USE offset reflector antennas

dual resonance model
BT Veneziano model
PT duality and dual models
DEU Dualresonanzmodell

Dualcode
DEU for dual codes

dualer Code
DUS für dual codes

duales Modell
DEU for dual models

Dualität (Mathematik)
DEU for duality (mathematics)

duality (elementary particles)
USE dual models

duality (mathematics)
BT mathematics
RT mathematical operators
DEU Dualität (Mathematik)

Dualresonanzmodell
DEU for dual resonance model

dubnium
BT transactinides
SY *Db (chemical element)*
element 105
Ha (chemical element)
PT hahnium
RT dubnium compounds
DEU Dubnium

dubnium compounds
BT transactinide compounds
SY *hahnium compounds*
PT hahnium compounds
RT dubnium
DEU Dubniumverbindung

Dubniumverbindung
DEU for dubnium compounds

Dubnium
DEU for dubnium

duct flow
USE pipe flow

ductile fracture
BT fracture
UF *notch ductility / ductile fracture + ductility + notch strength*
PT fracture
RT ductile-brittle transition
ductility
DEU Verformungsbruch

ductile-brittle transition
BT fracture
SY *brittle-ductile transitions*
PT brittle fracture
ductile fracture
RT brittle fracture
ductile fracture
embrittlement
DEU Duktil-Sprödbruch

ductility
BT plastic deformation
SY *drawability*
UF *notch ductility / ductile fracture + ductility + notch strength*
PT plastic flow
RT ductile fracture
workability
DEU Streckbarkeit

ducts
BT shapes (structures)
RT air conditioning
electric conduits
pipes
ventilation
vents (mechanical components)
DEU Kanal (Bauelement)

ducts, cable
USE electric conduits

Düngemittel
DEU for fertilisers

Dünger
DUS für fertilisers

dünne Matrix
DEU for sparse matrices

dünne Schicht
DEU for films
thin films

dünner Film
DUS für thin films

Dünnfilmeinrichtung
DEU for thin film devices

Dünnfilmgerät
DUS für thin film devices

Dünnschicht
DUS für thin films

Dünnschicht-FET
DEU for thin film transistors

Dünnschichtinduktivität
DEU for thin film inductors

Dünnschichtkondensator
DEU for thin film capacitors

Dünnschichtschaltung
DEU for thin film circuits

Dünnschichtsensor
DEU for thin film sensors

Dünnschichttransistor
DUS für thin film transistors

Dünnschichtwiderstand
DEU for thin film resistors

Dünnwandform
DEU for thin wall structures

Dünnwandstruktur
DUS für thin wall structures

Düse
DEU for nozzles

Düsennadel
DEU for needles

Dufour effect
USE thermal diffusion

Dufour number
USE thermal diffusion

Duktil-Sprödbruch
DEU for ductile-brittle transition

Dunham energy coefficients
USE potential energy functions

Dunkelleitfähigkeit
DEU for dark conductivity

dunkle Energie
DEU for dark energy

dunkle Materie
DEU for dark matter

dunkler Zustand
DEU for dark states

Dunst
DEU for dust

Duoplasmatron
DEU for duoplasmatrons

duoplasmatrons
BT ion sources
PT ion sources
RT ion beams
ion emission
plasma diodes
DEU Duoplasmatron

duopoly
USE oligopoly

duplicating
USE reproduction (copying)

durability
BT mechanical properties
RT failure (mechanical)
life testing
reliability
wear resistance
DEU Dauerfestigkeit
DSY Dauerhaftigkeit
Dauerhaltbarkeit
Haltbarkeit

Duralumin
USE aluminium alloys

Durchdringtiefe (Supraleitfähigkeit)
DEU for penetration depth (superconductivity)

Durchdringtiefe (Supraleitung)
DUS für penetration depth (superconductivity)

Durchdringungstransformation
DEU for displacive transformations

Durchflussmesser
DEU for flowmeters

Durchflussregelung
DEU for flow control

Durchflusssensor
DEU for flow sensors

Durchgang (planetarisch)
DEU for transits

Durchlässigkeit
DEU for permeability

Durchlaufkosten
DEU for throughput costing

Durchlaufplanung in der Serienfertigung
DUS für flow shop scheduling

Durchlaufzeitbauelement
DEU for transit time devices

Durchlaufzeitgerät
DUS für transit time devices

Durchmesser-Messung
DEU for diameter measurement

Durchschaltevermittlung
DEU for circuit switching

Durchschlagfestigkeit
DEU for electric strength

Durchtunnelung (Halbleiter)
DEU for tunnelling

Duroplastpresse
DUS für presses

Duschzähler
DEU for shower counters

dust
RT aerosols
air pollution
atmospheric composition
cosmic dust
cyclone separators
disperse systems
dusty plasmas
powders
sedimentation
smoke
DEU Dunst
DSY Staub

dust accretion
BT accretion
DEU Staubablagerung

dust cores
USE powder cores

dust storms
USE storms

dusty plasmas
BT plasma
SY *plasma crystals*
PT plasma impurities
RT astrophysical plasma
dust
plasma impurities
DEU staubförmiges Plasma

DV stars
USE variable stars
+ white dwarfs

DV-Xalpha calculations
USE Xalpha calculations

DVB
USE digital video broadcasting

DVCS
USE deeply virtual Compton scattering

DVD
USE digital versatile discs

DVD (Digital Versatile Disk)
DEU for digital versatile discs

DVM
USE digital voltmeters

dwarf Cepheids
USE variable stars

dwarf galaxies
USE galaxies

dwarf novae
BT cataclysmic binary stars
SY *antidwarf novae*
SS Cyg stars
SU UMa stars
U Gem stars
UV Per stars
VW Hyi stars
VY Scl stars
WZ Sge stars
Z Cam stars
PT cataclysmic binary stars
dwarf stars
white dwarfs
RT accretion disks
dwarf stars
novae
white dwarfs
X-ray binary stars
DEU Zwergnova

dwarf stars
BT stars
NT flare stars
Sun
SY *black dwarfs*
CaH strong stars
CH subdwarfs
cool subdwarfs
enhanced metal hydride stars
Li-poor old disk stars
Li-rich old disk stars
metallic hydride stars
N-rich subdwarfs
Population II main-sequence stars
UF *post T Tau stars / dwarf stars + variable stars*
UF *solar-type variables / dwarf stars + variable stars*
PT stars
RT brown dwarfs
dwarf novae
white dwarfs

DEU Zwergstern

DWBA
BT nuclear reaction theory
SY *distorted wave Born approximation*
PT nuclear reaction and scattering theory
DEU DWBA (Distorted Wave Born Approximation)

DWBA (Distorted Wave Born Approximation)
DEU for DWBA

DWDM
USE wavelength division multiplexing

DX stars
USE white dwarfs

Dy (chemical element)
USE dysprosium
DEU Dy (chemisches Element)

Dy (chemisches Element)
DEU for Dy (chemical element)

dye lasers
BT lasers
PT liquid lasers
RT distributed feedback lasers
dyes
liquid lasers
DEU Farbstofflaser

dye penetrant tests
USE nondestructive testing

dye-sensitised solar cells
BT photoelectrochemical cells
solar cells
SY *dye-sensitized solar cells*
PT photoelectrochemical cells
solar cells
RT dyes
electrochemical electrodes
electrolytes
photoelectrochemistry
solar cell arrays
DEU farbsensitive Solarzelle

dye-sensitized solar cells
USE dye-sensitised solar cells

dyeing
BT manufacturing processes
PT textile industry
RT dyes
textile industry
DEU Färben

dyes
BT organic compounds
SY *azo dyes*
PT organic compounds
RT dye lasers
dye-sensitised solar cells
dyeing
fluorescence
ink
optical materials
pigments
DEU Farbe (Überzug)
DSY Farbstoff

dynamic analysis (programs)
USE system monitoring

dynamic braking
USE braking

dynamic channel allocation
USE channel allocation

dynamic nuclear polarisation
BT magnetic double resonance
NT CIDNP
Overhauser effect
SY *dynamic nuclear polarization*
solid effect
PT magnetic double resonance
RT nuclear polarisation
DEU dynamische Atomkernpolarisation
DSY dynamische nukleare Polarisation

dynamic nuclear polarization
USE dynamic nuclear polarisation

dynamic programming
BT mathematical programming
NT integer programming
RT constraint theory
decision theory
infinite horizon
maximum principle
operations research
optimal control
DEU dynamische Programmierung

dynamic RAM
USE DRAM chips

dynamic response
NT transient response
RT sensitivity
sensitivity analysis
DEU dynamische Reaktion
DSY dynamisches Verhalten

dynamic scheduling
BT production control
scheduling
PT production control
scheduling
RT processor scheduling
resource allocation
DEU dynamische Zeitplanung
DSY dynamische Ablaufplanung
dynamische Ablaufsteuerung
dynamische Arbeitsablaufplanung
dynamische Arbeitsplanerstellung
dynamische Auftragsplanung
dynamische Auslastungsplanung
dynamische Belegungsplanung
dynamische Fertigungsplanung
dynamische Planung
dynamische Planungsmethode
dynamische Reihenfolgeplanung
dynamische Termin- und Arbeitsfolgeplanung
dynamische Terminplanung
dynamische Zeiteinteilung
dynamischen Produktionsplanung
dynamischer Scheduling- und Plazierungsalgorithmus
dynamisches Planungssystem
dynamisches Scheduling

dynamic stability
USE stability
DEU dynamische Stabilität

dynamic testing
BT materials testing
mechanical testing
NT fatigue testing
SY *Charpy testing*
izod testing
vibration testing
PT testing
DEU dynamische Prüfung

dynamical symmetry
BT elementary particle symmetry
PT elementary particle symmetry
DEU dynamische Symmetrie

dynamics
BT mechanics
NT elastodynamics
fluid dynamics
force
friction
impact (mechanical)
robot dynamics
rotating bodies
rotation
surface dynamics
vehicle dynamics
vibrations
RT acceleration
kinematics
oscillations
resonance
DEU Dynamik

Dynamik
DEU for dynamics

dynamische Ablaufplanung
DUS für dynamic scheduling

dynamische Ablaufsteuerung
DUS für dynamic scheduling

dynamische Arbeitsablaufplanung
DUS für dynamic scheduling

dynamische Arbeitsplanerstellung
DUS für dynamic scheduling

dynamische Atomkernpolarisation
DEU for dynamic nuclear polarisation

dynamische Auftragsplanung
DUS für dynamic scheduling

dynamische Auslastungsplanung
DUS für dynamic scheduling

dynamische Belegungsplanung
DUS für dynamic scheduling

dynamische Energienetzstabilität
DEU for power system dynamic stability

dynamische Fertigungsplanung
DUS für dynamic scheduling

dynamische nukleare Polarisation
DUS für dynamic nuclear polarisation

dynamische Planung
DUS für dynamic scheduling

dynamische Planungsmethode
DUS für dynamic scheduling

dynamische Programmierung
DEU for dynamic programming

dynamische Prüfung
DEU for dynamic testing

dynamische Reaktion
DEU for dynamic response

dynamische Reihenfolgeplanung
DUS für dynamic scheduling

dynamische Stabilität
DEU for dynamic stability

dynamische Stromnetzstabilität
DUS für power system dynamic stability

dynamische Symmetrie
DEU for dynamical symmetry

dynamische Termin- und Arbeitsfolgeplanung
DUS für dynamic scheduling

dynamische Terminplanung
DUS für dynamic scheduling

dynamische Zeiteinteilung
DUS für dynamic scheduling

dynamische Zeitplanung
DEU for dynamic scheduling

dynamischen Produktionsplanung
DUS für dynamic scheduling

dynamischer Scheduling- und Plazierungsalgorithmus
DUS für dynamic scheduling

dynamisches Planungssystem
DUS für dynamic scheduling

dynamisches Scheduling
DUS für dynamic scheduling

dynamisches Verhalten
DUS für dynamic response

Dynamometer
DEU for dynamometers

dynamometers
BT meters
PT force measurement
instrumentation
torque measurement
RT force measurement
torque measurement
DEU Dynamometer

dynamos
USE DC generators

dynistors
USE power semiconductor switches

Dyon
DEU for dyons

dyons
BT magnetic monopoles
PT magnetic monopoles
RT gauge field theory
quantum electrodynamics
unified field theories
DEU Dyon

dysprosium
BT rare earth metals
SY *Dy (chemical element)*
RT dysprosium alloys
dysprosium compounds
DEU Dysprosium

dysprosium alloys
BT rare earth alloys
PT rare earth alloys
RT dysprosium
dysprosium compounds
DEU Dysprosiumlegierung

dysprosium compounds
BT rare earth compounds
RT dysprosium
dysprosium alloys
DEU Dysprosiumverbindung

Dysprosiumlegierung
DEU for dysprosium alloys

Dysprosiumverbindung
DEU for dysprosium compounds

Dysprosium
DEU for dysprosium

DZ stars
USE white dwarfs

e, 2e reactions (atoms)
USE atom-electron collisions
\+ electron impact ionisation

e, 2e reactions (molecules)
USE electron impact ionisation
\+ molecule-electron collisions

e, 2e spectroscopy
USE electron spectroscopy

e-commerce
USE electronic commerce

E-layer
USE E-region

E-mail
USE electronic mail

e-mail filters
BT electronic mail
PT electronic mail
RT collaborative filtering
computer crime
information filtering
information filters
invasive software
office automation
recommender systems
text analysis
unsolicited e-mail
DEU E-Mail-Filter

E-Mail-Filter
DEU for e-mail filters

e-money
USE electronic money

E-region
BT ionosphere
NT sporadic-E layer
SY *E-layer*
DEU E-Schicht

E-Schicht
DEU for E-region

e-voting (politics)
USE government data processing

E2PROM
USE EPROM

ear
BT biological organs
NT photoacoustic emissions
SY *cochlea*
otology
RT auditory evoked potentials
biology
biophysics
hearing
hearing aids
mechanoception
DEU Gehör
DSY Ohr

ear phones
USE earphones

ear protection
BT protection
SY *earmuffs*
earplugs
RT acoustic filters
biological effects of acoustic radiation
health hazards
hearing
noise (working environment)
noise abatement
protective clothing
radiation protection
safety
DEU Gehörschutz

early Universe
USE cosmology

earmuffs
USE ear protection

earphones
BT acoustoelectric transducers
SY *ear phones*
RT headphones
hearing aids
telephone sets
DEU Ohrhörer

earplugs
USE ear protection

Earth
BT planets
RT Earth composition
Earth orbit
Earth rotation
Earth structure
geodesy
geophysics
terrestrial atmosphere
DEU Erde (Planet)

earth (electric)
USE earthing

earth (soil)
USE soil

Earth age
USE geochronology

Earth atmosphere
USE terrestrial atmosphere

Earth composition
SY *terrestrial composition*
RT Earth
geochemistry
DEU Erdzusammensetzung

Earth core
BT Earth structure
PT Earth
DEU Erdkern

Earth crust
BT Earth structure
NT oceanic crust
SY *continental crust*
UF *lithosphere / Earth crust + Earth mantle*
UF *Mohorovicic discontinuity / Earth crust + Earth mantle*
PT Earth
RT drilling (geotechnical)
magma
tectonics
DEU Erdkruste

Earth electricity
USE terrestrial electricity

earth electrodes
BT earthing
SY *ground electrodes*
RT electrodes
protection
DEU Erdungselektrode

Earth heat
USE terrestrial heat

Earth interior
USE Earth structure

earth leakage circuit breakers
USE residual current devices

Earth magnetic field
USE geomagnetism

Earth magnetic field variations
USE geomagnetic variations

Earth mantle
BT Earth structure
SY *asthenosphere*
UF *lithosphere / Earth crust + Earth mantle*
UF *Mohorovicic discontinuity / Earth crust + Earth mantle*
PT Earth
RT magma
DEU Erdmantel

Earth orbit
SY *orbit, Earth*
PT celestial mechanics
Earth
RT celestial mechanics
Earth
DEU Erdorbit

Earth rotation
BT rotation
SY *latitude*
nutation, Earth
precession, Earth
time and latitude
RT Earth
geodesy
DEU Erdrotation
DSY Erdumdrehung

Earth structure
NT Earth core
Earth crust
Earth mantle
SY *Earth interior*
RT Earth
DEU Erdaufbau

Earth surface processes
USE geomorphology

Earth-ionosphere waveguide
BT ionospheric electromagnetic wave propagation
PT ionospheric electromagnetic wave propagation
radiowave propagation
RT radiowave propagation
waveguides
DEU Erde-Ionosphäre-Wellenleiter

earthing
NT antenna earths
earth electrodes
SY *earth (electric)*
grounding
RT electrical safety
fault currents

flashover
protection
relay protection
short-circuit currents
DEU Erde (elektrisch)
DSY Erdung
Erdungsschutz

earthmoving equipment
BT materials handling equipment
NT excavators
UF *bulldozers / earthmoving equipment + tracked vehicles*
RT construction equipment
off-road vehicles
road building
DEU Erdbaumaschine

earthquake engineering
BT geotechnical engineering
PT civil engineering
earthquakes
seismology
RT bridges (structures)
buildings (structures)
construction industry
earthquakes
geotechnical structures
metamaterials
seismology
structural engineering
DEU Erdbebeningenieurwesen

earthquake recorders
USE seismometers

earthquakes
SY *strong motion, seismic*
PT seismology
RT disasters
earthquake engineering
emergency management
faulting
rescue robots
seismic waves
seismology
tectonics
DEU Erdbeben

EAS
USE cosmic ray showers

Ebbe und Flut
DEU for tides

ebener Lichtwellenleiter
DEU for optical planar waveguides

ebener Wellenleiter
DEU for planar waveguides

EBIC
BT electrical conductivity
SY *electron beam induced conductivity*
electron beam induced currents
RT carrier lifetime
electron beam effects
electron beam testing
scanning electron microscopy
DEU EBIC (Elektronenstrahlen induzierte Leitfähigkeit)
DSY Elektronenstrahlen induzierte Leitfähigkeit
Elektronenstrahlen induzierte Leitfähigkeit (EBIC)

EBIC (electron beam induced currents)
RT OBIC (optical beam induced currents)

EBIC (Elektronenstrahlen induzierte Leitfähigkeit)
DEU for EBIC

ECAE-Pressen
DUS für pressing

eccentric atoms
USE exotic atoms

ECCM
USE electronic countermeasures

ECG
USE electrocardiography

echelles
USE diffraction gratings

echelons
USE diffraction gratings

echo
NT clutter
SY *acoustic echoes*
RT acoustic wave reflection
anechoic chambers (acoustic)
architectural acoustics
echo suppression
echocardiography
radar
reverberation

reverberation chambers
sonar
DEU Echo

echo cancellation
USE echo suppression

echo suppression
BT interference suppression
SY *echo cancellation*
RT echo
telecommunication
DEU Echounterdrückung

echocardiography
BT biomedical ultrasonics
cardiology
PT biomedical ultrasonics
cardiology
RT echo
DEU Echokardiografie
DSY Echokardiographie

Echokardiografie
DEU for echocardiography

Echokardiographie
DUS für echocardiography

echolocation (physiological)
USE bioacoustics
\+ mechanoception

Echolot mit synthetischer Apertur
DEU for synthetic aperture sonar

Echolot-Verfolgung
DEU for sonar tracking

Echolotbildgebung
DEU for sonar imaging

Echolotdetektion
DEU for sonar detection

Echolotfeld
DEU for sonar arrays

Echolotgruppe
DUS für sonar arrays

Echolotsignalverarbeitung
DEU for sonar signal processing

Echolotzielerkennung
DEU for sonar target recognition

Echomessung
DEU for sound-level meters

Echounterdrückung
DEU for echo suppression

Echo
DEU for echo

Echtzeit-System
DEU for real-time systems

ECL
USE emitter-coupled logic

eclipses
NT solar eclipses
SY *lunar eclipses*
RT astronomy
celestial mechanics
eclipsing binary stars
Moon
occultations
transits
DEU Eklipse

eclipsing binary stars
BT binary stars
variable stars
SY *A-type contact binary stars*
Algol variables
beta Lyr stars
beta Per stars
contact binaries
double-contact binaries
UF *interacting binary stars / binary stars + cataclysmic binary stars + eclipsing binary stars + X-ray binary stars*
SY *latent contact binaries*
OO Aql stars
photometric binary stars
R CMa stars
RT Scl stars
semidetached binary stars
short period non-contact binary systems
UF *upsilon Sgr stars / eclipsing binary stars + supergiant stars*
UF *UX UMa stars / cataclysmic binary stars + eclipsing binary stars + white dwarfs*
UF *VV Cep stars / eclipsing binary stars + supergiant stars*
SY *W Ser stars*
W UMa stars
W-type contact binaries
UF *zeta Aur stars / eclipsing binary*

stars + *supergiant stars*
PT binary stars
variable stars
RT eclipses
DEU ecliptischer Doppelstern

ecliptischer Doppelstern
DEU for eclipsing binary stars

ECM
USE electronic countermeasures

ecocomposites
BT composite materials
SY *natural fiber composites*
natural fibre composites
UF *wood-plastic composites /*
ecocomposites + *filled polymers* +
wood
PT composite materials
RT natural fibres
recycling
renewable materials
sustainable development
DEU Ökoverbundstoff

ecodesign
USE design for disassembly
\+ design for environment

ecology
BT biology
SY *ecosystems*
PT biology
RT aquaculture
biocontrol
biocybernetics
environmental factors
forestry
genetic engineering
living systems
natural resources
pest control
pollution
predator-prey systems
sustainable development
wetlands
DEU Ökologie

econometrics
BT economic cybernetics
NT economic forecasting
PT economic cybernetics
RT cost-benefit analysis
DEU Ökonometrie

economic cybernetics
BT cybernetics
NT econometrics
econophysics
RT economics
international trade
macroeconomics
microeconomics
DEU ökonomische Kybernetik
DSY volkswirtschaftliche Kybernetik

economic cycles
BT economics
SY *business cycles*
recession
RT deflation (monetary)
economic indicators
inflation (monetary)
investment
DEU ökonomischer Zyklus
DSY volkswirtschaftlicher Zyklus

economic forecasting
BT econometrics
RT economic indicators
forecasting theory
DEU ökonomische Vorhersage
DSY volkswirtschaftliche Vorhersage

economic indicators
BT economics
NT deflation (monetary)
inflation (monetary)
share prices
SY *cost of living index*
Gross Domestic Product
Gross National Product
harmonised index of consumer prices
index of production
interest rates
retail price index
RPI
RT economic cycles
economic forecasting
unemployment
DEU ökonomischer Indikator
DSY volkswirtschaftlicher Indikator

economics
NT economic cycles
economic indicators
environmental economics
macroeconomics
microeconomics
supply and demand
RT commerce
cost-benefit analysis

economic cybernetics
econophysics
investment
life cycle costing
management
politics
socio-economic effects
sustainable development
DEU Ökonomie
DSY Volkswirtschaft
Wirtschaft

economies of scale
BT microeconomics
PT economics
RT cost reduction
industrial economics
DEU Wirtschaftvergleich

econophysics
BT economic cybernetics
physics
RT chaos
economics
finance
fluctuations
fractals
nonlinear dynamical systems
stock markets
DEU Ökonophysik

ecosystems
USE ecology

ECPMET calculations
USE coupled cluster calculations

ECRF heating (plasma)
USE plasma radiofrequency heating

ECRH (plasma)
USE plasma radiofrequency heating

EDAX
USE X-ray chemical analysis

eddy current braking
BT braking
PT braking
RT eddy currents
DEU Wirbelstrombremsung

eddy current losses
BT losses
UF *magnetic losses / eddy current losses + magnetic leakage*
PT eddy currents
losses
RT eddy currents
laminations
magnetic leakage
DEU Wirbelstromverlust

eddy current testing
BT nondestructive testing
PT eddy currents
nondestructive testing
RT eddy currents
flaw detection
inductive sensors
DEU Wirbelstrommessverfahren

eddy currents
BT electric current
SY *Foucault currents*
RT brakes
conducting materials
conductors (electric)
eddy current braking
eddy current losses
eddy current testing
electromagnetism
hysteresis
induction heating
DEU Wirbelstrom

eddy diffusion
USE diffusion

Edelgas
DEU for noble gases

Edelholz
DEU for timber

Edelmetall
DEU for noble metals

Edelmetalllegierung
DEU for noble metal alloys

Edelmetallverbindung
DEU for noble metal compounds

EDFA
USE erbium
\+ optical fibre amplifiers

EDGE
USE 3G mobile communication
\+ cellular radio
\+ telecommunication standards

edge detection
BT image recognition
SY *edge extraction*
PT computerised pattern recognition
computerised picture processing
pattern recognition
picture processing
RT feature extraction
DEU Kantenerkennung

edge dislocations
BT dislocations
PT dislocations
RT tilt boundaries
DEU Stufenversetzung

edge extraction
USE edge detection

edge plasma
USE plasma boundary layers

edge-defined film fed growth
USE crystal growth from melt

Edgeworth-Kuiper belt objects
USE Kuiper belt objects

EDIF
USE electronic data interchange

Edison-Effekt
DEU for thermionic emission

editing, text
USE text editing

EDL (spacecraft)
USE entry, descent and landing (spacecraft)

EDM
USE electrical discharge machining

EDP management
USE DP management

EDTV
USE high definition television

education
NT biomedical education
computer science education
continuing education
distance learning
educational aids
educational courses
educational institutions
educational technology
engineering education
further education
information science education
management education
physics education
qualifications
UF *educational psychology / education + psychology*
RT computer aided instruction
educational administrative data processing
educational computing
human factors
personnel
student experiments
teacher training
teaching
training
DEU Ausbildung
DSY Bildung
Bildungswesen
Erziehung
Schulwesen

educational administrative data processing
BT administrative data processing
educational computing
NT learning management systems
SY *educational ADP*
RT education
DEU Bildungsverwaltungsdatenverarbeitu ng
DSY Datenverarbeitung im Bildungssystem
Datenverarbeitung in der Ausbildungsverwaltung

educational ADP
USE educational administrative data processing

educational aids
BT education
PT education
teaching
RT audio-visual systems
educational technology
student experiments
DEU Ausbildungshilfsmittel
DSY Lehrmittel
Lernhilfsmittel

educational computing
BT educational technology
social sciences computing
NT computer aided instruction

educational administrative data processing
PT administrative data processing
computer aided instruction
RT education
LOGO
DEU bildungswirtschaftliche Computeranwendung
DSY bildungswirtschaftliche Rechneranwendung
Computeranwendung im Bildungswesen
Computeranwendung in der Ausbildung
Rechneranwendung im Bildungswesen
Rechneranwendung in der Ausbildung

educational courses
BT education
SY *courses, educational*
PT education
RT accreditation
biomedical education
continuing education
control engineering education
electrical engineering education
electronic engineering education
engineering education
learning management systems
management education
physics education
power engineering education
telecommunication engineering education
DEU Ausbildungskurs
DSY Bildungsweg
Schulung
Weiterbildungskurs

educational games (computing)
USE computer aided instruction
\+ computer games

educational institutions
BT education
SY *colleges*
schools
universities
UF *university-industry collaboration / educational institutions + organisational aspects + research initiatives*
RT further education
DEU Ausbildungseinrichtung
DSY Ausbildungsinstitut
Bildungseinrichtung
Bildungsinstitut

educational psychology
USE education
\+ psychology

educational robots
BT educational technology
robots
PT robots
RT computer aided instruction
computer games
computer science education
control engineering computing
control engineering education
robot programming
teaching
DEU Ausbildungsroboter
DSY Lehrroboter
Lernroboter

educational technology
BT education
technology
NT educational computing
educational robots
RT distance learning
educational aids
DEU Ausbildungsmethode
DSY Ausbildungstechnik
Ausbildungstechnologie
Ausbildungsverfahren
Bildungsmethode
Bildungstechnik
Bildungstechnologie
Lehrverfahren
Lernverfahren
Unterrichtsverfahren

EDX
USE X-ray chemical analysis

EEG
USE electroencephalography

EELS
USE electron energy loss spectra

EEPROM
USE EPROM

EFF-EHMO calculations
USE EHT calculations

effective mass
BT energy states
PT effective mass (band structure)
RT band structure
heavy fermion systems

DEU effektive Masse

Effektenhandel
DEU for securities trading

effektive Masse
DEU for effective mass

effluents
BT waste
RT flue gases
industrial waste
waste disposal
wastewater treatment
water pollution
DEU Abwässer (allgemein)
DSY Abwasser (allgemein)

effusion
PT flow of gases
RT flow
DEU Ausströmung
DSY Effusion

Effusion
DUS für effusion

EFG
USE crystal growth from melt

EFIE
USE electric field integral equations

EFTPOS
USE EFTS
+ point of sale systems

EFTS
BT electronic data interchange
financial data processing
NT automatic teller machines
electronic commerce
UF *EFTPOS / EFTS + point of sale systems*
SY *electronic funds transfer systems*
UF *TBDF / data privacy + EFTS + government policies*
UF *transborder data flow / data privacy + EFTS + government policies*
SY *wire transfers*
PT financial data processing
RT bank data processing
data communication
debit transactions
plastic cards
point of sale systems
smart cards
DEU EFTS (automatisches Geldüberweisungssystem)

EFTS (automatisches Geldüberweisungssystem)
DEU for EFTS

EHD
USE electrohydrodynamics

EHMO calculations
USE EHT calculations

EHT calculations
BT orbital calculations
SY *CIEH calculations*
EFF-EHMO calculations
EHMO calculations
extended Huckel theory calculations
Huckel theory, extended
MIEHM calculations
SCMEH calculation
XHMO calculations
PT molecular orbitals calculations
orbital calculation methods
RT HMO calculations
DEU EHT-Berechnung
DSY EHT-Kalkulation

EHT-Berechnung
DEU for EHT calculations

EHT-Kalkulation
DUS für EHT calculations

Eichfeldheorie
DEU for gauge field theory

Eichmaß
DEU for gauges

eigenenergiebetriebener Neutronendetektor
DUS für self-powered neutron detectors

eigenfunctions
USE eigenvalues and eigenfunctions

Eigenkapitalmarkt
DUS für property market

Eigenmontage
DEU for self-assembly

Eigenschaftenmessung
DEU for characteristics measurement

Eigenschaftswertauffindung
DUS für feature extraction

eigenstructure assignment
BT eigenvalues and eigenfunctions
PT eigenvalues and eigenfunctions
RT control system analysis
control system synthesis
DEU Eigenstruktur-Zuordnung
DSY Eigenstruktur-Zuweisung
Eigenstrukturzuordnung
Eigenstrukturzuweisung

Eigenstruktur-Zuordnung
DEU for eigenstructure assignment

Eigenstruktur-Zuweisung
DUS für eigenstructure assignment

Eigenstrukturzuordnung
DUS für eigenstructure assignment

Eigenstrukturzuweisung
DUS für eigenstructure assignment

eigenvalues and eigenfunctions
BT linear algebra
mathematical analysis
NT eigenstructure assignment
SY *eigenfunctions*
eigenvectors
RT Helmholtz equations
Karhunen-Loeve transforms
numerical analysis
partial differential equations
vectors
wave functions
DEU Eigenwert und Eigenfunktion

eigenvectors
USE eigenvalues and eigenfunctions

Eigenwert und Eigenfunktion
DEU for eigenvalues and eigenfunctions

Ein-Aus-Regelung
DUS für on-off control

Ein-Aus-Steuerung
DUS für on-off control

Ein-Maschinen-Planungsproblem
DUS für single machine scheduling

eindimensionaler Leiter
DEU for one-dimensional conductivity

Eindosen
DEU for canning

Eindringsoftware
DEU for invasive software

Eindringtiefe (Supraleitfähigkeit)
DUS für penetration depth (superconductivity)

Eindringtiefe (Supraleitung)
DUS für penetration depth (superconductivity)

Eindrücken
DEU for indentation

Einfang radioaktiver Protonen
DEU for proton radiative capture

Einfrieren
DEU for freezing

Einführzeitverkürzung
DEU for lead time reduction

Eingabe-Ausgabe-Programm
DEU for input-output programs

Eingabe-Ausgabe-Stabilität
DEU for input-output stability

eingebauter Selbsttest
DEU for built-in self test

eingebettetes System
DEU for embedded systems

eingeschlossenens Ion
DEU for trapped ions

Einglasen
DEU for vitrification

Einheit (Messung)
DEU for units (measurement)

einheitliche Feldtheorie
DEU for unified field theories

einheitliche Symmetrie
DEU for unitary symmetry

einheitliches Eichmodell
DEU for unified gauge models

Einkauf
DEU for purchasing

Einkaufen von Zuhause
DEU for home shopping

Einkaufsführer
DEU for buyer's guides

Einkaufswagen
DEU for trolleys

Einlagerungs-Komposit
DEU for intercalation compounds

Einlagerungsverbindung
DUS für intercalation compounds

einmal beschreibbarer Speicher
DEU for write-once storage

Einpresskopf
DUS für press fitting

Einrichtung
DUS für facilities

Einsacken
DEU for bagging

Einsatz von Arbeitskräften
DUS für employment

Einsatz von Ultraschall
DUS für ultrasonic applications

Einsatzdienst
DEU for emergency services

Einschätzung
DUS für appraisal

Einschalreaktion
DEU for knock-on reactions

Einschluss
DEU for inclusions

Einschlussion
DUS für trapped ions

Einschnürung
DEU for necking

Einsickern
DEU for percolation

Einspritzdruck
DUS für pressure

Einspritzdüsenöffnungsdruck
DUS für pressure

Einständerpresse
DUS für presses

Einstein coefficients
USE radiative lifetimes

Einstein field equations
BT field equations
general relativity
PT general relativity
RT gravitation
space-time configurations
special relativity
DEU Einstein-Feldgleichung

Einstein-de Haas effect
BT magnetisation
PT gyromagnetic effect
RT gyromagnetic ratio
rotation
DEU Einstein-de-Haas-Effekt

Einstein-de-Haas-Effekt
DEU for Einstein-de Haas effect

Einstein-Feldgleichung
DEU for Einstein field equations

Einstein-Maxwell equations
BT field equations
unified field theories
PT unified field theories
RT electromagnetism
general relativity
gravitation
DEU Einstein-Maxwell-Gleichung

Einstein-Maxwell-Gleichung
DEU for Einstein-Maxwell equations

Einstein-Podolsky-Rosen paradox
USE EPR paradox

Einstein-Podolsky-Rosen-Paradox
DEU for EPR paradox

einsteinium
BT actinides
transuranes
SY *Es (chemical element)*
RT einsteinium compounds
DEU Einsteinium

einsteinium compounds
BT actinide compounds
RT einsteinium
DEU Einsteiniumverbindung

Einsteiniumverbindung
DEU for einsteinium compounds

Einsteinium
DEU for einsteinium

Eintritt, Abstieg, Landung (Raumfahrzeug)
DEU for entry, descent and landing (spacecraft)

Einwickeln
DEU for wrapping

Einzel-Maschinen-Einsatzplanung
DUS für single machine scheduling

Einzelauftragseinplanung
DUS für job shop scheduling

Einzelelektronenbauelement
DEU for single electron devices

Einzelhandel
DEU for retailing

Einzelhandelsdatenverarbeitung
DUS für retail data processing

Einzelmaschinen-Fertigungssteuerung
DUS für single machine scheduling

Einzelmaschinen-Planungsablauf
DUS für single machine scheduling

Einzelmaschinenbelegungsplanung
DUS für single machine scheduling

Einzelmaschinenbelegungsproblem
DUS für single machine scheduling

Einzelmaschinenplanung
DEU for single machine scheduling

Einzelphotonemissionscomputertomografie
DEU for single photon emission computed tomography

Einzelphotonemissionscomputertomographie
DUS für single photon emission computed tomography

Einzelschicht
DEU for monolayers

Einzelwertzerlegung
DEU for singular value decomposition

Eis
DEU for ice

EISA
USE system buses

Eisablagerung
DEU for ice accretion

Eisbildung
DUS für ice accretion

Eisen
DEU for iron

Eisenbahn
DEU for railways

Eisenbahnelektrifizierung
DEU for railway electrification

Eisenbahnfahrzeug
DEU for railway rolling stock

Eisenbahnindustrie
DEU for railway industry

Eisenbahnkommunikation
DEU for railway communication

Eisenbahnsicherheit
DEU for railway safety

Eisenbahntechnik
DEU for railway engineering

Eisenbahnunfall
DEU for railway accidents

Eisenbahnunglück
DUS für railway accidents

Eisenbahnverkehrskontrolle
DEU for rail traffic control

Eisenbahnverkehrssteuerung
DUS für rail traffic control

Eisenlegierung
DEU for iron alloys

Eisenverbindung
DEU for iron compounds

eka-gold
USE roentgenium

eka-platinum
USE darmstadtium

Eklipse
DEU for eclipses

El Nino Southern Oscillation
SY *Southern Oscillation*
RT atmospheric movements
atmospheric pressure
atmospheric temperature
ocean temperature
oceanography
DEU südpazifische El Nino Oszillation
DSY südpazifische El Nino Schwankung

elastic aftereffect
BT mechanical properties
PT elasticity
RT anelastic relaxation
creep
DEU elastische Nachwirkung

elastic constant measurement
BT measurement
DEU Messen der Elastizitätskonstanten

elastic constants
BT constants
stress-strain relations
SY *compliance constants*
stiffness constants
RT elastic moduli
elasticity
DEU Elastizitätskonstante

elastic deformation
BT deformation
NT electrostriction
RT bending
compliant mechanisms
elastic hysteresis
elasticity
ferroelasticity
shear deformation
stress-strain relations
torsion
DEU elastische Verformung

elastic hysteresis
BT hysteresis
mechanical properties
PT hysteresis
RT elastic deformation
stress-strain relations
DEU elastische Hysterese

elastic limit
BT stress-strain relations
RT elasticity
DEU Elastizitätsgrenze

elastic moduli
BT mechanical properties
NT Poisson ratio
shear modulus
Young's modulus
SY *bulk modulus*
storage modulus
PT elastic constants
RT acoustic metamaterials
elastic constants
elastic moduli measurement
elasticity
stress-strain relations
DEU Elastizitätsmodul

elastic moduli measurement
BT mechanical variables measurement
PT elastic constant measurement
RT elastic moduli
DEU Elastizitätsmodulmessung
DSY Messen des Elastizitätsmoduls

elastic recoil detection analysis
USE ion microprobe analysis
\+ nuclear chemical analysis
\+ Rutherford backscattering

elastic relaxation
DEU elastische Entspannung
DSY elastische Relaxation

elastic waves
BT waves
NT acoustic waves
Love waves
magnetoelastic waves
Rayleigh waves
seismic waves
SY *flexural waves*
mechanical waves
shear waves
torsional waves
RT elastodynamics
phonons

stress effects
vibrations
DEU elastische Welle

elasticity
BT mechanical properties
NT ferroelasticity
photoelasticity
thermoelasticity
SY *acoustoelasticity*
aeroelasticity
elastostatics
hydroelasticity
RT anisotropic media
conformal mapping
continuum mechanics
crack-edge stress field analysis
elastic constants
elastic deformation
elastic limit
elastic moduli
elastodynamics
elastoplasticity
inclusions
Laplace equations
mechanics
rheology
tensile strength
DEU Elastizität

elastische Entspannung
DEU for elastic relaxation

elastische Hysterese
DEU for elastic hysteresis

elastische Nachwirkung
DEU for elastic aftereffect

elastische Relaxation
DUS für elastic relaxation

elastische Verformung
DEU for elastic deformation

elastische Welle
DEU for elastic waves

Elastizität
DEU for elasticity

Elastizitätsgrenze
DEU for elastic limit

Elastizitätskonstante
DEU for elastic constants

Elastizitätsmodul
DEU for elastic moduli

Elastizitätsmodulmessung
DEU for elastic moduli measurement

elasto-optical effects
USE photoelasticity
\+ piezo-optical effects

elastodynamics
BT dynamics
PT elastic waves
elasticity
RT elastic waves
elasticity
seismic waves
vibrations
DEU Elastodynamik

Elastodynamik
DEU for elastodynamics

Elastomer
DEU for elastomers

elastomers
BT polymers
NT rubber
PT polymers
RT soft lithography
vulcanisation
DEU Elastomer

elastoplasticity
BT plasticity
PT plasticity
RT elasticity
viscoplasticity
DEU Elastoplastizität

Elastoplastizität
DEU for elastoplasticity

elastoresistance
USE piezoresistance

elastostatics
USE elasticity

elderly people (medicine)
USE geriatrics

ELDOR
BT magnetic double resonance
SY *electron-electron double resonance*
PT magnetic resonance

RT paramagnetic resonance
DEU ELDOR (Elektronendoppelresonanz)
DSY Elektronendoppelresonanz
Elektronendoppelresonanz (ELDOR)

ELDOR (Elektronendoppelresonanz)
DEU for ELDOR

electrets
BT dielectric materials
NT photoelectrets
thermoelectrets
RT capacitors
ceramics
dielectric devices
electric fields
electrostatic devices
electrostatics
DEU Elektret

electric actuators
BT actuators
electric final control devices
NT electroactive polymer actuators
microactuators
piezoelectric actuators
PT actuators
RT electric motors
electromagnetic actuators
electromechanical actuators
intelligent actuators
micromechanical devices
DEU elektrische Betätigung
DSY elektrische Betätigungsvorrichtung
elektrische Stellvorrichtung
elektrische Steuerung
elektrischer Aktor
elektrischer Aktuator
elektrischer Antrieb
elektrischer Betätiger
elektrischer Schalter
elektrischer Stellantrieb
elektrisches Betätigungsglied
elektrisches Betätigungsorgan
elektrisches Stellglied
elektromotorisches Stellelement

electric admittance
BT electric immittance
SY *admittance*
conductance, electric
electric conductance
electric susceptance
susceptance, electric
PT admittance
RT electric admittance measurement
DEU elektrische Admittanz

electric admittance measurement
BT electric immittance measurement
SY *admittance measurement*
conductance measurement, electric
electric conductance measurement
susceptance measurement, electric
PT admittance measurement
RT electric admittance
DEU Messen des Scheinwiderstandes
DSY Scheinwiderstandsmessung

electric arc furnaces
USE arc furnaces

electric arc welding
USE arc welding

electric arcs
USE arcs (electric)

electric birefringence
USE electro-optical effects

electric Born model
USE exchange models

electric breakdown
BT electric field effects
NT avalanche breakdown
discharges (electric)
semiconductor device breakdown
trees (electrical)
vacuum breakdown
Zener effect
SY *breakdown (electric)*
dielectric breakdown
disruptive voltage
gas breakdown
optical breakdown
RT arcs (electric)
corona
electric strength
electrical faults
fault currents
flashover
insulation
insulation testing
plasma production
pulsed power technology
vacuum insulation
voltage distribution
DEU elektrischer Durchbruch

electric cables
USE cables (electric)

electric calculators
BT calculating apparatus
DEU elektrische Rechenmaschine
DSY elektrischer Rechenapparat

electric capacity
USE capacitance

electric cells
USE cells (electric)

electric charge
BT electricity
NT charge injection
space charge
SY *charge (electric)*
RT capacitance
capacitors
cells (electric)
charge measurement
electrostatics
DEU elektrische Ladung

electric circuits
USE networks (circuits)
DEU elektrische Schaltung

electric coils
USE coils

electric condensers
USE capacitors

electric conductance
USE electric admittance

electric conductance measurement
USE electric admittance measurement

electric conduction
USE electrical conductivity

electric conductors
USE conductors (electric)

electric conduits
SY *conduits, electric*
ducts, cable
pipes, cable
raceways, cable
RT cable sheathing
distribution networks
ducts
pipes
power cables
DEU elektrische Kanalisation
DSY elektrische Leitungsdurchführung
elektrische Rohrleitung
Elektroinstallationsrohr
Elektrokanal
Kabelschutzrohr
Rohr für elektrische Leitung

electric connectors
SY *cable terminations*
connectors (electric)
couplers (electric connectors)
plugs (electric)
sockets (electrical)
UF *wire-wrap connections / electric connectors + wiring*
RT cable jointing
conductors (electric)
crimping
electrical contacts
optical interconnections
printed circuit accessories
wires (electric)
DEU elektrische Anschlusseinrichtung
DSY elektrische Anschlussklemme
elektrische Steckkupplung
elektrische Steckverbindung
elektrische Steckvorrichtung
elektrische Verbindung
elektrischer Anschluss
elektrischer Leiterverbinder
elektrischer Leitungsverbinder
elektrischer Stecker
elektrischer Steckkontakt
elektrischer Steckverbinder
elektrischer Verbinder
elektrisches Verbindungselement
Elektroverbinder
Kabelverbinder
Leiterverbindung

electric control equipment
BT control equipment
NT electric final control devices
electrohydraulic control equipment
electropneumatic control equipment
voltage regulators
SY *control devices, electric*
control gear, electric
RT amplifiers
electric generators
electric motors
electric sensing devices
electric variables control
DEU elektrische Kontrollanlage
DSY elektrische Steuer- und Regeleinrichtung

electric current
BT electricity
NT critical currents
current density
current distribution
current fluctuations
eddy currents
fault currents
SY *current (electric)*
RT electric current control
electric current measurement
electric fields
DEU elektrischer Strom

electric current control
BT electric variables control
SY *current control, electric*
RT current limiting reactors
current transformers
electric current
electric current measurement
protection
DEU elektrische Stromregelung
DSY Regelung des elektrischen Stroms
Stromregelung (elektrisch)

electric current measurement
BT electric variables measurement
SY *current measurement, electric*
RT ammeters
current comparators
current transformers
electric current
electric current control
galvanometers
DEU Strommessung (elektrisch)

electric discharges
USE discharges (electric)

electric distortion
USE distortion

electric distortion measurement
USE distortion measurement
\+ electric variables measurement

electric domain walls
BT electric domains
PT domain walls
electric domains
RT ferroelectric materials
DEU Domänenwand (elektrisch)

electric domains
BT domains
NT electric domain walls
SY *ferroelectric domains*
PT domains
RT dielectric properties
ferroelectric materials
DEU ferroelektrische Domäne

electric double layer capacitors
USE supercapacitors

electric double layers
USE electrochemistry
\+ liquid theory

electric double refraction
USE electro-optical effects

electric drives
BT drives
NT motor drives
thyristor motor drives
variable speed drives
PT drives
RT clutches
electric motors
electric propulsion
electric vehicles
machine control
machine vector control
propulsion
sensorless machine control
DEU elektrische Antriebseinheit
DSY elektrische Antriebseinrichtung
elektrische Antriebsvorrichtung
elektrischer Antrieb
Elektroantrieb

electric energy consumption
USE power consumption

electric fences
SY *fences, electric*
RT agriculture
power utilisation
DEU elektrischer Weidezaun
DSY elektrischer Zaun
Elektrozaun

electric field effects
NT acoustoelectric effects
electric breakdown
electro-optical effects
electrohydrodynamics
electroluminescence
electromechanical effects
electromigration
field emission
field ionisation
high field effects
magnetoelectric effects

RT biological effects of fields
electric fields
electrical conductivity
electrochemistry
electrodynamics
electrokinetic effects
electrophoresis
electrospinning
particle optics
DEU elektrischer Feldeffekt
DSY Wirkung elektrischer Felder

electric field gradient
BT crystal field interactions
hyperfine interactions
PT crystal hyperfine field interactions
hyperfine field interactions (condensed matter)
RT hyperfine structure
DEU elektrischer Feldgradient

electric field integral equations
BT integral equations
SY *EFIE*
PT integral equations
RT antenna theory
electric fields
electromagnetic field theory
electromagnetic wave scattering
method of moments
DEU elektrische Feldintegralgleichung

electric field measurement
BT electric variables measurement
field strength measurement
SY *electric field strength measurement*
field measurement, electric
RT electric fields
field plotting
DEU Elektrofeldmessung
DSY Messen des elektrischen Feldes

electric field meters
USE voltmeters

electric field strength measurement
USE electric field measurement

electric fields
BT electrostatics
NT astrophysical electric fields
SY *electrostatic fields*
fields, electric
RT electrets
electric current
electric field effects
electric field integral equations
electric field measurement
electric potential
electromagnetic fields
electromagnetic waves
electromagnetism
field effect devices
field strength measurement
DEU elektrisches Feld

electric final control devices
BT electric control equipment
NT electric actuators
switches
RT electric motors
DEU elektrisches Endsteuer- und Regelgerät
DSY elektrisches Endsteuergerät

electric furnaces
BT furnaces
NT arc furnaces
resistance furnaces
RT electric heating
induction heating
DEU Elektroofen

electric fuses
BT overcurrent protection
SY *fuses, electric*
RT interrupters
protection
switchgear
DEU elektrische Sicherung

electric generator control
USE machine control

electric generators
BT electric machines
NT AC generators
DC generators
diesel-electric generators
hydroelectric generators
magnetohydrodynamic convertors
permanent magnet generators
standby generators
turbogenerators
SY *generators, electric*
power generators, electric
RT direct energy conversion
electric control equipment
exciters
machine control
machine protection
power systems
DEU Elektrogenerator
DSY Generator (elektrische Maschine)

electric heaters
USE electric heating

electric heating
BT heating
NT dielectric heating
induction heating
radiofrequency heating
resistance heating
SY *electric heaters*
UF *hotplates / domestic appliances + electric heating*
RT domestic appliances
drying
electric furnaces
heating elements
ovens
process heating
resistance furnaces
DEU elektrische Heizung
DSY Elektroheizung

electric heating elements
USE heating elements

electric ignition
BT ignition
NT glow plugs
spark plugs
PT ignition
RT automotive electrics
automotive electronics
DEU elektrische Auslösung
DSY elektrische Zündung
elektrische Zündvorrichtung
elektrischer Auslöser
elektrisches Zünden
elektrisches Zündsystem

electric immittance
NT electric admittance
electric impedance
SY *immittance, electric*
RT electric immittance measurement
DEU elektrische Immittanz

electric immittance measurement
BT electric variables measurement
NT electric admittance measurement
electric impedance measurement
SY *immittance measurement, electric*
PT electric variables measurement
RT electric immittance
DEU Messen der elektrischen Immitanz

electric impedance
BT electric immittance
NT electric reactance
electric resistance
electrochemical impedance spectroscopy
impedance matrix
surface impedance
SY *impedance, electric*
PT electrical impedance
RT electric impedance measurement
impedance matching
DEU Scheinwiderstand

electric impedance imaging
BT imaging
SY *applied potential tomography*
electric impedance tomography
electrical impedance imaging
impedance imaging, electric
PT bioelectric phenomena
patient diagnosis
RT bioelectric phenomena
biomedical imaging
computerised tomography
electric impedance measurement
tomography
DEU elektrische Impedanzbilddarstellung
DSY elektrische Impedanzbilduntersuchung
Elektroimpedanzbilderzeugung
Elektroimpedanzbildgebung

electric impedance measurement
BT electric immittance measurement
NT electric reactance measurement
electric resistance measurement
SY *impedance measurement, electric*
PT electrical impedance measurement
RT electric impedance
electric impedance imaging
plethysmography
DEU Messen der elektrischen Impedanz

electric impedance tomography
USE electric impedance imaging

electric load
USE load (electric)

electric locomotives
BT electric vehicles
locomotives
PT locomotives
RT diesel-electric locomotives

electric motors
motorcoaches
railway electrification
traction motor drives
traction motor protection
traction motors
traction power supplies
DEU Elektrolokomotive

electric machine analysis computing
BT computer aided analysis
power engineering computing
PT computer aided analysis
electrical engineering applications of computers
RT electric machines
DEU computergestützte Elektromaschinenanalyse
DSY computerunterstützte Elektromaschinenanalyse
elektromaschinenanalytische Computeranwendung
elektromaschinenanalytische Rechneranwendung
rechnergestützte Elektromaschinenanalyse
rechnerunterstützte Elektromaschinenanalyse

electric machine CAD
BT CAD
power engineering computing
PT computer-aided design
electrical engineering applications of computers
RT electric machines
DEU Elektromaschinen-CAD
DSY rechnergestützter Elektromaschinenentwurf

electric machine control
USE machine control
DEU Elektromaschinensteuerung

electric machine testing
USE machine testing

electric machine theory
USE machine theory

electric machines
BT machinery
NT AC machines
brushless machines
DC machines
electric generators
electric motors
linear machines
permanent magnet machines
small electric machines
superconducting machines
SY *machines, electric*
rotating machines (electric)
RT brushes
electric machine analysis computing
electric machine CAD
machine bearings
machine control
machine insulation
machine protection
machine testing
machine theory
machine vector control
machine windings
magnetic flux
rotors
sensorless machine control
stators
DEU elektrische Maschine

electric moments
NT elementary particle electric moment
nuclear electric moment
SY *dipole moment, electric*
moments (electric)
RT atomic moments
molecular moments
polarisability
DEU elektrisches Moment

electric motor control
USE machine control

electric motors
BT electric machines
NT AC motors
commutator motors
DC motors
fractional-horsepower motors
linear motors
micromotors
motor drives
motor protection
permanent magnet motors
piezoelectric motors
printed circuit motors
stepping motors
torque motors
traction motors
SY *motors, electric*
RT electric actuators
electric control equipment
electric drives
electric final control devices

electric locomotives
machine control
machine protection
regenerative braking
DEU elektrischer Motor
DSY Elektromotor

electric networks
USE networks (circuits)

electric noise measurement
BT electric variables measurement
noise measurement
PT electric variables measurement
noise measurement
RT noise generators
DEU Messen des elektrischen Rauschens

electric potential
NT bioelectric potentials
contact potential
overvoltage
surface potential
UF *Coulomb potential / electric potential + potential energy functions*
SY *electromotive force*
EMF (electric potential)
potentials (electric)
voltage
voltage drop
RT electric fields
electrodynamics
electrostatics
ionisation potential
voltage control
voltage measurement
DEU elektrisches Potential
DSY elektrisches Potenzial

electric power generation
NT cogeneration
distributed power generation
ocean thermal energy conversion
power generation control
power generation dispatch
power generation economics
power generation faults
power generation planning
power generation protection
power generation reliability
power generation scheduling
power plants
power stations
space power generation
trigeneration
wave power generation
SY *power generation, electric*
RT direct energy conversion
exergy
DEU Elektroenergieerzeugung
DSY Stromerzeugung

electric power industry
USE electricity supply industry

electric properties
NT dielectric properties
electrical conductivity
flexoelectricity
photoelectricity
thermoelectricity
PT electrical properties of substances
RT discharges (electric)
electricity
materials properties
metallurgy
DEU elektrische Eigenschaften

electric propulsion
BT propulsion
RT aerospace propulsion
automotive electrics
battery powered vehicles
electric drives
electric vehicles
fuel cell vehicles
hybrid electric vehicles
magnetic levitation
solar powered vehicles
traction
traction motor drives
traction motor protection
traction motors
DEU elektromotorischer Antrieb

electric reactance
BT electric impedance
PT reactance
RT capacitance
electric reactance measurement
inductance
DEU Blindwiderstand

electric reactance measurement
BT electric impedance measurement
PT reactance measurement
RT capacitance measurement
electric reactance
inductance measurement
DEU Blindwiderstandsmessung

electric reactors
USE reactors (electric)

electric resistance
BT electric impedance
NT contact resistance
negative resistance
surface resistance
SY *resistance (electric)*
PT resistance (electric)
RT electric resistance measurement
electrical resistivity
DEU Widerstandswert (elektrisch)

electric resistance measurement
BT electric impedance measurement
RT electric resistance
electrical resistivity
ohmmeters
DEU Widerstandsmessung (elektrische Größe)

electric sensing devices
BT sensors
NT capacitive sensors
electrochemical sensors
inductive sensors
ion sensitive field effect transistors
pyroelectric detectors
SY *sensors, electric*
UF *shaft encoders / angular measurement + electric sensing devices*
RT biosensors
chemical sensors
electric control equipment
gas sensors
humidity sensors
intelligent sensors
magnetic sensors
magnetoresistive devices
micromechanical devices
microsensors
piezoresistive devices
pressure sensors
signal conditioning circuits
smoke detectors
strain sensors
temperature sensors
thick film sensors
thin film sensors
DEU elektrische Sensortechnik

electric sheet
USE iron alloys
\+ silicon alloys

electric shielding, nuclear
USE nuclear screening

electric shocks
BT electrical safety
SY *shocks, electric*
PT safety
RT electrical accidents
electrical faults
emergency services
fires
protection
safety
DEU Elektroschock

electric steel
USE iron alloys
\+ silicon alloys

electric strength
BT dielectric properties
SY *dielectric strength*
RT electric breakdown
insulating materials
insulation
insulation testing
permittivity
vacuum insulation
DEU Durchschlagfestigkeit

electric susceptance
USE electric admittance

electric susceptibility
USE optical susceptibility

electric utilities
USE electricity supply industry

electric variables control
BT control of specific variables
NT electric current control
gain control
phase control
power control
voltage control
RT electric control equipment
electric variables measurement
electricity
frequency control
load dispatching
machine control
DEU Kontrolle elektrischer Größen
DSY Regelung elektrischer Größen
Steuerung elektrischer Größen

electric variables measurement
BT measurement
NT attenuation measurement
capacitance measurement
charge measurement
dielectric measurement
electric current measurement
electric field measurement
electric immittance measurement
electric noise measurement
electrical conductivity measurement
energy measurement
frequency measurement
gain measurement
high-frequency transmission line measurement
inductance measurement
phase measurement
phasor measurement
power factor measurement
power measurement
voltage measurement
UF *electric distortion measurement / distortion measurement* + *electric variables measurement*
RT electric variables control
electricity
power system measurement
pulse measurement
Q-factor measurement
DEU Messen elektrischer Größen

electric vehicles
BT vehicles
NT battery powered vehicles
electric locomotives
fuel cell vehicles
hybrid electric vehicles
motorcoaches
solar powered vehicles
PT vehicles
RT electric drives
electric propulsion
energy storage
linear motors
traction motor drives
traction motor protection
traction motors
wheelchairs
DEU Elektrofahrzeug

electric welding
BT welding
NT arc welding
electroslag welding
resistance welding
PT welding
RT welding electrodes
DEU Elektroschweißen

electric wiring
USE wiring

electrical accidents
BT accidents
PT accidents
electric shocks
RT bioelectric phenomena
electric shocks
electrical safety
DEU elektrischer Unfall
DSY Elektrounfall

electrical appliances
USE domestic appliances
\+ electrical products

electrical conductivity
BT electric properties
transport processes
NT dark conductivity
EBIC
electrical conductivity transitions
hopping conduction
ionic conductivity
minimum metallic conductivity
mixed conductivity
one-dimensional conductivity
photoconductivity
small polaron conduction
space-charge-limited conduction
superconductivity
surface conductivity
Wien effect
SY *conductivity, electrical*
electric conduction
electrolytic conductivity of liquids
Mattheissen's rule
RT carrier density
carrier lifetime
carrier mean free path
carrier mobility
carrier relaxation time
conducting materials
electric field effects
electrical conductivity measurement
electrical resistivity
high field effects
impurity scattering
ion mobility
Lorenz number
minority carriers
percolation
point defect scattering

semiconductor materials
surface scattering
thermally stimulated currents
DEU elektrische Leitfähigkeit

electrical conductivity measurement
BT electric variables measurement
RT bridge instruments
electrical conductivity
DEU Messen der elektrischen Leitfähigkeit
DSY Messen des elektrischen Widerstands
Widerstandsmessung (elektrische Größe)

electrical conductivity of one-dimensional systems
USE one-dimensional conductivity

electrical conductivity of plasmas
USE plasma transport processes

electrical conductivity of solid metals and alloys
DEU elektrische Leitfähigkeit von Festkörpern und Legierungen

electrical conductivity of solid semiconductors and insulators
DEU elektrische Leitfähigkeit von Festkörperhalbleitern und Isolatoren

electrical conductivity transitions
BT electrical conductivity
phase transformations
NT metal-insulator transition
UF *semiconductor-metal transition / electrical conductivity transitions + metal-insulator transition*
SY *switching transitions*
PT electrical conductivity of solids
RT switching
DEU elektrischer Leitfähigkeitsübergang
DSY elektrischer Widerstandsübergang

electrical contacts
NT nanocontacts
ohmic contacts
point contacts
SY *contacts, electrical*
sliding contacts, electrical
RT brushes
commutators
conductors (electric)
contact potential
contact resistance
electric connectors
switches
DEU elektrischer Kontakt

electrical contracting
PT project engineering
RT contracts
electrical installation
project engineering
DEU Stromliefervertrag

electrical discharge machining
BT machining
NT spark machining
SY *EDM*
UF *electrochemical discharge machining / electrical discharge machining + electrochemical machining*
PT spark machining
RT discharges (electric)
DEU elektroerosives Abtragemaschinen

electrical double layer capacitors
USE supercapacitors

electrical double layers
USE electrochemistry
\+ liquid theory

electrical engineering
BT engineering
NT automotive electrics
electrical engineering computing
electrical engineering education
electrical installation
electronic engineering
high-voltage engineering
power engineering
DEU Elektrotechnik

electrical engineering computing
BT electrical engineering
engineering computing
NT automatic test software
computational electromagnetics
electronic engineering computing
power engineering computing
radar computing
PT electrical engineering applications of computers
RT computerised control
computerised instrumentation
telecommunication computing
DEU computergestützte Elektrotechnik
DSY computerunterstützte Elektrotechnik
elektrotechnische

Computeranwendung
elektrotechnische
Rechneranwendung
rechnergestützte Elektrotechnik
rechnerunterstützte Elektrotechnik

electrical engineering education
BT electrical engineering
engineering education
NT electronic engineering education
power engineering education
telecommunication engineering education
PT education
electrical engineering
RT biomedical education
computer aided instruction
educational courses
teaching
training
DEU elektrotechnische Ausbildung
DSY elektrotechnische Bildung
elektrotechnische Lehre

electrical fault location
USE fault location

electrical faults
NT fault currents
fault location
overvoltage
power system faults
transients
SY *faults, electrical*
leakage, electrical
RT accidents
discharges (electric)
distortion
electric breakdown
electric shocks
electrical maintenance
failure analysis
insulating materials
insulation
insulators
protection
testing
DEU elektrischer Fehler

electrical impedance imaging
USE electric impedance imaging

electrical installation
BT electrical engineering
installation
PT installation
RT commissioning
electrical contracting
electrical maintenance
electrical safety
legislation
standards
wiring
DEU Elektroinstallation

electrical insulation
USE insulation
DEU elektrische Isolation

electrical maintenance
BT maintenance engineering
PT maintenance engineering
RT condition monitoring
electrical faults
electrical installation
fault diagnosis
remaining life assessment
DEU elektrische Instandhaltung

electrical noise
USE noise

electrical overstress
USE electrostatic discharge

electrical products
BT manufactured products
NT washing machines
UF *electrical appliances / domestic appliances + electrical products*
RT consumer products
domestic appliances
electrical products industry
electronic products
RoHS compliance
WEEE Directive
DEU elektrisches Erzeugnis
DSY elektrisches Produkt
Elektroerzeugnis
Elektroprodukt

electrical products industry
BT manufacturing industries
RT electrical products
electronics industry
DEU Elektrogerätebau
DSY Elektrogeräteindustrie
Elektrogräteindustrie
Elektroindustrie

electrical resistivity
BT transport processes
NT magnetoresistance
piezoresistance
spin disorder resistivity
SY *resistivity, electrical*

RT electric resistance
electric resistance measurement
electrical conductivity
DEU spezifischer Widerstand

electrical safety
BT safety
NT electric shocks
PT safety
RT domestic safety
earthing
electrical accidents
electrical installation
DEU elektrische Sicherheit
DSY Elektrosicherheit

electrical treeing
USE trees (electrical)

electricity
NT atmospheric electricity
electric charge
electric current
terrestrial electricity
RT electric properties
electric variables control
electric variables measurement
electromagnetism
magnetism
DEU Elektrizität

electricity consumption
USE power consumption

electricity demand forecasting
USE load forecasting

electricity markets
USE power markets

electricity supply industry
BT industries
public utilities
NT electricity supply industry deregulation
SY *electric power industry*
electric utilities
power industry
power supply industry
PT industries
RT critical infrastructures
energy security
power consumption
power grids
power system management
power system planning
DEU Elektrizitätswirtschaft

electricity supply industry deregulation
BT electricity supply industry privatisation
NT power markets
SY *electricity supply industry liberalisation*
electricity supply industry privatisation
PT electricity supply industry
RT government policies
legislation
power system economics
DEU Deregulierung der Energiewirtschaft
DSY energiewirtschaftliche Deregulierung

electricity supply industry liberalisation
USE electricity supply industry deregulation

electricity supply industry privatisation
USE electricity supply industry deregulation

electricity trading
USE power markets

electrification, static
USE static electrification

electro-absorption modulation
USE electro-optical modulation
\+ electroabsorption

electro-oculography
BT bioelectric potentials
eye
SY *electrooculography*
EOG (electro-oculography)
PT bioelectric potentials
eye
RT electroencephalography
electroretinography
gaze tracking
DEU Elektrookulografie

electro-optical deflectors
BT electro-optical devices
optical deflectors
PT electro-optical devices
optical deflectors
DEU elektro-optische Ablenkeinheit
DSY elektro-optischer Ablenker

electro-optical devices
NT electro-optical deflectors
electro-optical filters
electro-optical modulation
electro-optical switches
electrochromic devices
light valves
SEEDs
UF *electrooptics / electro-optical devices + electro-optical effects*
RT birefringence
liquid crystal devices
liquid crystal displays
optical bistability
optical deflectors
optical modulation
optoelectronic devices
Q-switching
quantum confined Stark effect
spatial light modulators
DEU Anzeigevorrichtung
DSY elektro-optische Anordnung
elektro-optische Vorrichtung
elektro-optisches Bauelement
elektro-optisches Einrichtung
elektro-optisches Gerät
elektrooptische Anordnung
elektrooptische Vorrichtung
elektrooptisches Bauelement
elektrooptisches Gerät

electro-optical effects
BT electric field effects
optical properties
NT electroabsorption
electrochromism
electroreflectance
Kerr electro-optical effect
Pockels effect
Stark effect
SY *double refraction, electric*
electric birefringence
electric double refraction
UF *electrogyration / electro-optical effects + optical rotation*
UF *electrooptics / electro-optical devices + electro-optical effects*
RT electroluminescence
electron optics
magneto-optical effects
nonlinear optics
optical constants
optical modulation
photorefractive effect
polarisation
DEU elektro-optischer Effekt
DSY elektrooptischer Effekt

electro-optical filters
BT electro-optical devices
optical filters
PT electro-optical devices
optical filters
DEU elektro-optisches Filter
DSY elektrooptisches Filter

electro-optical Kerr effect
USE Kerr electro-optical effect

electro-optical modulation
BT electro-optical devices
optical modulation
UF *electro-absorption modulation / electro-optical modulation + electroabsorption*
SY *Pockels readout optical modulator*
PROM (Pockel readout optical modulator)
PT electro-optical devices
optical modulation
RT intensity modulation
light valves
microwave photonics
optical phase shifters
quantum confined Stark effect
quantum well devices
SEEDs
spatial light modulators
DEU elektro-optische Modulation
DSY elektrooptische Modulation

electro-optical switch
USE electro-optical switches

electro-optical switches
BT electro-optical devices
optical switches
SY *electro-optical switch*
PT electro-optical devices
optical switches
RT SEEDs
DEU elektro-optischer Schalter
DSY elektrooptischer Schalter

electroabsorption
BT electro-optical effects
UF *electro-absorption modulation / electro-optical modulation + electroabsorption*
PT electro-optical effects
RT modulation spectra
DEU Elektroabsorption

electroacoustic devices
USE acoustoelectric devices

electroacoustic effects
USE acoustoelectric effects

electroacoustic transducers
USE acoustoelectric transducers

electroactive polymer actuators
BT electric actuators
SY *artificial muscle actuators*
dielectric elastomer actuators
dielectric electroactive polymer actuators
electrostrictive polymer actuators
ionic electroactive polymer devices
ionic polymer-metal composite actuators
ionomeric polymer-metal composite actuators
PT electric actuators
RT conducting polymers
electromechanical actuators
intelligent actuators
microactuators
piezoelectric actuators
polymers
DEU elektrisch aktiver Polymeraktuator

electrocaloric effects
USE pyroelectricity

electrocardiograms
USE electrocardiography

electrocardiography
BT cardiology
SY *ECG*
electrocardiograms
RT bioelectric potentials
biomagnetism
biomedical electrodes
biomedical electronics
biomedical engineering
biomedical equipment
biomedical measurement
defibrillators
magnetocardiography
medical signal detection
medical signal processing
patient diagnosis
patient monitoring
DEU Elektrokardiografie

electrochemical analysis
BT chemical analysis
NT polarography
voltammetry (chemical analysis)
SY *coulometry*
PT chemical analysis
RT chemical sensors
electrochemical devices
electrochemical impedance spectroscopy
electrochemical sensors
electrochemistry
DEU elektrochemische Analyse

electrochemical batteries
USE cells (electric)

electrochemical devices
NT cells (electric)
electrochemical electrodes
electrochemical sensors
electrolytic devices
RT electrochemical analysis
electrochemistry
DEU elektrochemisches Gerät

electrochemical discharge machining
USE electrical discharge machining
\+ electrochemical machining

electrochemical double layer capacitors
USE supercapacitors

electrochemical electrodes
BT electrochemical devices
electrodes
SY *anodes, electrochemical*
cathodes, electrochemical
RT cells (electric)
dye-sensitised solar cells
electrochemical impedance spectroscopy
electrochemistry
microbial electrolysis cells
solid oxide electrolysis cells
supercapacitors
DEU elektrochemische Elektrode

electrochemical impedance spectroscopy
BT electric impedance
electrochemistry
spectroscopy
PT electrochemical analysis
electrochemistry
RT corrosion
electrochemical analysis
electrochemical electrodes

DEU elektrochemische Impedanz-Spektrokopie
DSY elektrochemische Impedanzspektrokopie
elektrochemische Impedanzspektrometrie

electrochemical machining
BT machining
UF *electrochemical discharge machining / electrical discharge machining + electrochemical machining*
SY *electrolytic machining*
PT electrolytic machining
RT electrolysis
electrolytic polishing
micromachining
DEU elektrochemische Bearbeitung

electrochemical polishing
USE electrolytic polishing

electrochemical sensors
BT chemical sensors
electric sensing devices
electrochemical devices
NT amperometric sensors
PT chemical sensors
electrochemical analysis
RT chemical variables measurement
electrochemical analysis
electronic tongues
gas sensors
DEU elektrochemischer Sensor

electrochemistry
BT physical chemistry
NT electrochemical impedance spectroscopy
electrolysis
electrowinning
photoelectrochemistry
UF *electric double layers / electrochemistry + liquid theory*
UF *electrical double layers / electrochemistry + liquid theory*
RT chemical reactions
cold fusion
corrosion
Debye-Huckel theory
electric field effects
electrochemical analysis
electrochemical devices
electrochemical electrodes
electrochromism
electrophoresis
DEU Elektrochemie

electrochromic devices
BT electro-optical devices
NT electrochromic displays
UF *electrochromic windows / electrochromic devices + optical windows + solar control films*
PT electro-optical devices
RT electrochromism
solar control films
DEU Elektrochrom-Bauelement
DSY elektrochrome Anordnung
elektrochrome Anzeige
elektrochrome Einrichtung
elektrochrome Festkörpervorrichtung
elektrochrome Vorrichtung
elektrochromes Gerät
elektrochromische Anordnung
elektrochromische Einrichtung
elektrochromische Vorrichtung
elektrochromisches Element

electrochromic displays
BT display devices
electrochromic devices
PT display devices
electrochromic devices
DEU Elektrochromanzeige

electrochromic windows
USE electrochromic devices
\+ optical windows
\+ solar control films

electrochromism
BT electro-optical effects
PT electro-optical effects
RT colour
electrochemistry
electrochromic devices
DEU Elektrochromie

electrodeless lamps
BT discharge lamps
PT discharge lamps
RT discharges (electric)
gas-discharge tubes
glow discharges
DEU elektrodenfreie Lampe
DSY elektrodenlose Entladungslampe
elektrodenlose Lampe

electrodeposited films
USE electrodeposits

electrodeposition
BT coating techniques
electrolysis
liquid phase deposition
NT electroplating
SY *electrolytic deposition*
RT electrodeposits
electrowinning
encapsulation
metallisation
DEU galvanisches Abscheiden

electrodeposits
BT liquid phase deposited coatings
NT electroplated coatings
SY *electrodeposited films*
PT electrodeposition
metallic thin films
RT anodised layers
electrodeposition
DEU galvanische Schicht

electrodes
NT anodes
biomedical electrodes
cathodes
electrochemical electrodes
microelectrodes
welding electrodes
RT conductors (electric)
earth electrodes
electron tube components
electron tubes
DEU Elektrode

electrodynamics
RT electric field effects
electric potential
electrokinetic effects
electromagnetism
electron beams
electron optics
electron tubes
ion beams
ion optics
particle beam dynamics
particle optics
quantum electrodynamics
skin effect
DEU Elektrodynamik

electroencephalograms
USE electroencephalography

electroencephalography
BT brain
SY *alpha-rhythm measurement*
EEG
electroencephalograms
RT bioelectric potentials
biomagnetism
biomedical electrodes
biomedical electronics
biomedical engineering
biomedical equipment
biomedical measurement
brain-computer interfaces
electro-oculography
magnetoencephalography
medical signal detection
medical signal processing
patient diagnosis
patient monitoring
sleep
DEU Elektroenzephalographie

electroextraction
USE electrowinning

electrofission
BT electron-nucleus reactions
fission
PT electron-nucleus reactions
fission
DEU Elektrospaltung

electroforming
BT electrolysis
forming processes
NT LIGA
RT electrowinning
moulding
DEU Elektroformgeben

electrogasdynamics
USE electrohydrodynamics

electrogyration
USE electro-optical effects
+ optical rotation

electrohydraulic control equipment
BT electric control equipment
hydraulic control equipment
PT electric control equipment
hydraulic control equipment
DEU Elektrohydraulik

electrohydrodynamics
BT electric field effects
hydrodynamics
SY *EHD*
electrogasdynamics
PT hydrodynamics
RT electrorheology
fluid dynamics

magnetohydrodynamics
DEU Elektrohydrodynamik

electrojets
BT atmospheric electricity
PT atmospheric electricity
RT ionosphere
DEU Elektrojet
DSY Elektroströmung

electrokinetic effects
NT electrophoresis
SY *zeta-potential*
RT electric field effects
electrodynamics
DEU Elektrokinetikeffekt
DSY elektrokinetischer Effekt

electroless deposited coatings
BT liquid phase deposited coatings
PT coatings
RT electroless deposition
DEU stromlos abgeschiedene Beschichtung
DSY stromlos abgeschiedene Schicht

electroless deposition
BT coating techniques
liquid phase deposition
PT coating techniques
RT electroless deposited coatings
DEU Stromlosbeschichten
DSY stromlose Ablagerung
stromlose Abscheidung
stromlose Beschichtung
stromlose Plattierung
stromloses Abscheiden
stromloses Aufbringen
stromloses Beschichten

electroluminescence
BT electric field effects
luminescence
RT electro-optical effects
electroluminescent devices
electroluminescent displays
fluorescent screens
organic light emitting diodes
phosphors
porous semiconductors
DEU Elektrolumineszenz

electroluminescent devices
BT luminescent devices
NT electroluminescent displays
UF *TFEL devices / electroluminescent devices + thin film devices*
UF *thin film electroluminescent devices / electroluminescent devices + thin film devices*
PT electroluminescent displays
luminescent devices
RT electroluminescence
DEU elektrolumineszente Anordnung
DSY elektrolumineszente Einrichtung
elektrolumineszente Vorrichtung
elektrolumineszentes Bauelement
elektrolumineszentes Gerät
Elektrolumineszenz-Vorrichtung
Elektrolumineszenzanordnung
Elektrolumineszenzbauelement
Elektrolumineszenzeinrichtung
Elektrolumineszenzelement
Elektrolumineszenzgerät
Elektrolumineszenzvorrichtung
elektrolumineszierende Anordnung
elektrolumineszierende Vorrichtung
elektrolumineszierendes Gerät
Leuchtdiode

electroluminescent displays
BT display devices
electroluminescent devices
NT LED displays
PT display devices
luminescent devices
RT computer displays
electroluminescence
flat panel displays
light emitting diodes
thin film devices
DEU Elektrolumineszenzanzeige

electrolysis
BT chemical reactions
electrochemistry
NT anodisation
electrodeposition
electroforming
electrolytic polishing
UF *electrolytic ion mobility / electrolysis + ion mobility*
RT cells (electric)
current density
electrochemical machining
electrolytes
hydrogen production
microbial electrolysis cells
photoelectrochemistry
solid oxide electrolysis cells
DEU Elektrolyse

electrolytes
BT conducting materials
NT polymer electrolytes
solid electrolytes
PT electrochemistry
RT alkaline fuel cells
dye-sensitised solar cells
electrolysis
microbial electrolysis cells
molten carbonate fuel cells
phosphoric acid fuel cells
semiconductor-electrolyte boundaries
supercapacitors
DEU Elektrolyt

electrolytic capacitors
BT capacitors
electrolytic devices
NT supercapacitors
SY *tantalum electrolytic capacitors*
DEU Elektrolytkondensator

electrolytic conductivity of liquids
USE electrical conductivity

electrolytic deposition
USE electrodeposition

electrolytic devices
BT electrochemical devices
NT electrolytic capacitors
electrolytic rectifiers
microbial electrolysis cells
solid oxide electrolysis cells
UF *regenerative fuel cells / electrolytic devices + fuel cells + microbial electrolysis cells + solid oxide electrolysis cells*
DEU Elektrolyseanlage
DSY Elektrolysevorrichtung
elektrolytische Vorrichtung
elektrolytisches Betriebsmittel
elektrolytisches Gerät
Galvanikgestell

electrolytic ion mobility
USE electrolysis
\+ ion mobility

electrolytic machining
USE electrochemical machining

electrolytic polishing
BT electrolysis
polishing
SY *electrochemical polishing*
electropolishing
RT electrochemical machining
DEU elektrolytische Polierung
DSY elektrolytisches Polieren
Elektropolieren

electrolytic rectifiers
BT electrolytic devices
rectifiers
PT rectifiers
DEU Elektrolytgleichrichter

electrolytic tanks
DEU Elektrolyse-Tank
DSY Elektrolysetank
Elektrolysewanne
Elektrolysezelle
elektrolytischer Tank
Elektrolyttank

electromagnetic actuators
BT actuators
electromagnetic devices
PT actuators
electric actuators
electromagnetic devices
RT electric actuators
magnetic devices
microactuators
DEU Betätigungsmagnet
DSY elektrisch betätigter Magnet
Elektromagnetaktuator
Elektromagnetantrieb
elektromagnetisch betriebener Aktuator
elektromagnetische Bedienungsvorrichtung
elektromagnetische Betätigungsanordnung
elektromagnetische Betätigungseinrichtung
elektromagnetische Betätigungsvorrichtung
elektromagnetische Stelleinrichtung
elektromagnetischer Aktivator
elektromagnetischer Aktor
elektromagnetischer Aktuator
elektromagnetischer Antrieb
elektromagnetischer Betätiger
elektromagnetischer Betätigungselement
elektromagnetischer Betätigungsorgan
elektromagnetischer Schalter
elektromagnetischer Stellantrieb
elektromagnetisches Betätigungsgerät
elektromagnetisches Stellglied

Stellmagnet

electromagnetic band gap
USE photonic band gap

electromagnetic compatibility
SY *EMC (electromagnetic compatibility)*
RT anechoic chambers (electromagnetic)
electromagnetic pulse
electromagnetic shielding
frequency allocation
immunity testing
open area test sites
project engineering
radiation hardening (electronics)
TEM cells
DEU elektromagnetische Verträglichkeit

electromagnetic corrections
RT hadron-hadron interactions
hadron-hadron scattering
radiative corrections
DEU elektromagnetische Korrektur

electromagnetic coupling
BT electromagnetism
RT antennas
coupled circuits
coupled transmission lines
electromagnetic induction
electromagnetic shielding
optical couplers
waveguide couplers
DEU elektromagnetische Kopplung

electromagnetic decays
BT elementary particle decay
UF *radiative decays / electromagnetic decays + nuclear energy level transitions*
DEU elektromagnetischer Zerfall

electromagnetic devices
NT electromagnetic actuators
electromagnetic launchers
electromagnets
SY *electromagnetic stirrers*
PT magnetic devices
RT electromagnetic forces
electromagnetism
magnetic devices
DEU elektromagnetisches Gerät

electromagnetic energy
USE electromagnetic waves

electromagnetic field theory
BT electromagnetism
NT electromagnetic theory of light
SY *field theory, electromagnetic*
RT chirality
computational electromagnetics
electric field integral equations
electromagnetic fields
electromagnetic wave propagation
electromagnetic waves
magnetic field integral equations
DEU elektromagnetische Feldtheorie
DSY Feldtheorie (elektrisches Feld)
Theorie des elektrischen Feldes

electromagnetic fields
RT computational electromagnetics
electric fields
electromagnetic field theory
electromagnetic forces
electromagnetic shielding
electromagnetism
magnetic fields
DEU elektromagnetisches Feld

electromagnetic forces
BT electromagnetism
force
NT magnetic forces
RT electromagnetic devices
electromagnetic fields
electrostatics
magnetostatics
DEU elektromagnetische Kraft

electromagnetic form factors
BT form factors (elementary particles)
form factors (nuclear)
PT form factors (elementary particles)
form factors (nuclear)
RT elementary particle coupling constants
EMC effect
nuclear charge
DEU elektromagnetischer Formfaktor

electromagnetic induction
BT electromagnetism
NT inductance
inductive power transmission
SY *induction, electromagnetic*
magnetic induction
PT electromagnetism
RT electromagnetic coupling
induction heating
inductive sensors
magnetic forces
magnetotellurics

metal detectors
DEU elektromagnetische Induktion

electromagnetic interference
BT interference (signal)
NT radiofrequency interference
telephone interference
television interference
SY *EMI (electromagnetic interference)*
PT interference
noise
RT anechoic chambers (electromagnetic)
electromagnetic pulse
electromagnetic shielding
immunity testing
impulse noise
open area test sites
TEM cells
DEU elektromagnetische Störung

electromagnetic launchers
BT electromagnetic devices
propulsion
NT railguns
SY *coilguns*
launchers, electromagnetic
PT ballistics
projectiles
propulsion
RT ballistics
electrothermal launchers
military equipment
projectiles
pulsed power technology
DEU elektromagnetische Abschussvorrichtung
DSY elektromagnetischer Werfer
elektromagnetisches Geschütz

electromagnetic lenses
USE magnetic lenses

electromagnetic metamaterials
BT metamaterials
NT microwave metamaterials
optical metamaterials
terahertz metamaterials
PT metamaterials
RT backward wave oscillators
computational electromagnetics
defected ground structures
frequency selective surfaces
leaky wave antennas
metamaterial antennas
photonic band gap
photonic crystals
plasmonics
polaritons
slot antennas
slow light
slow wave structures
surface plasmon resonance
surface plasmons
DEU elektromagnetischer Metawerkstoff
DSY elektromagnetisches Metamaterial

electromagnetic oscillations
BT oscillations
RT cavity resonators
electromagnetic waves
electromagnetism
lasers
masers
ring lasers
DEU elektromagnetische Oszillation
DSY elektromagnetische Schwingung

electromagnetic pulse
SY *EMP (electromagnetic pulse)*
NEMP
nuclear electromagnetic pulse
SGEMP
source region electromagnetic pulse
SREMP
system generated electromagnetic pulse
PT electromagnetic compatibility
electromagnetic interference
radiofrequency interference
RT electromagnetic compatibility
electromagnetic interference
pulsed power technology
radiofrequency interference
DEU elektromagnetischer Impuls

electromagnetic radiation
USE electromagnetic waves

electromagnetic shielding
BT shielding
NT magnetic shielding
PT magnetic shielding
shielding
RT cable shielding
electromagnetic compatibility
electromagnetic coupling
electromagnetic fields
electromagnetic interference
radiation protection
DEU elektromagnetische Abschirmung

electromagnetic stirrers
USE electromagnetic devices

electromagnetic surface waves
USE surface electromagnetic waves

electromagnetic theory of light
BT electromagnetic field theory
light
DEU elektromagnetische Lichttheorie
DSY Lichttheorie (elektromagenetisch)
Theorie des elektromagnetischen Lichts

Electromagnetic Transients Program
USE EMTP (Electromagnetic Transients Program)

electromagnetic traps
USE particle traps

electromagnetic wave absorption
BT absorption
NT gamma-ray absorption
light absorption
X-ray absorption
UF *electromagnetic wave attenuation / electromagnetic wave absorption + electromagnetic wave scattering*
UF *microwave absorbers / electromagnetic wave absorption + microwave materials*
RT absorbing media
anechoic chambers (electromagnetic)
electromagnetic wave propagation
electromagnetic waves
electromagnetism
fading
fluorescence
laser theory
magnetic resonance
phosphorescence
radar absorbing materials
spectra (general)
TEM cells
DEU Absorption elektromagnetischer Wellen
DSY elektromagnetische Wellenabsorption

electromagnetic wave attenuation
USE electromagnetic wave absorption
+ electromagnetic wave scattering

electromagnetic wave diffraction
BT diffraction
NT gamma-ray diffraction
geometrical theory of diffraction
light diffraction
physical theory of diffraction
X-ray diffraction
RT dielectric bodies
electromagnetic wave propagation
electromagnetic waves
DEU Beugung elektromagnetischer Wellen
DSY elektromagnetische Wellenbeugung

electromagnetic wave diffusion
USE electromagnetic wave scattering

electromagnetic wave interference
BT interference (wave)
NT light interference
moire fringes
PT electromagnetic waves interference
RT electromagnetic wave interferometers
electromagnetic wave interferometry
electromagnetic wave propagation
electromagnetic waves
DEU elektromagnetische Welleninterferenz
DSY Interferenz elektromagnetischer Wellen

electromagnetic wave interferometers
BT interferometers
NT light interferometers
radiowave interferometers
RT electromagnetic wave interference
electromagnetic wave interferometry
electromagnetic waves
DEU elektromagnetisches Welleninterferometer

electromagnetic wave interferometry
BT interferometry
NT light interferometry
radiowave interferometry
RT electromagnetic wave interference
electromagnetic wave interferometers
electromagnetic waves
moire fringes
DEU Interferometrie elektrischer Wellen

electromagnetic wave polarisation
BT polarisation
NT gamma-ray polarisation
light polarisation
SY *electromagnetic wave polarization*
X-ray polarisation
PT polarisation
RT electromagnetic waves
polarimetry
radar polarimetry
waveguide polarisers
DEU Polarisation elektromagnetischer Wellen

electromagnetic wave polarization
USE electromagnetic wave polarisation

electromagnetic wave propagation
BT wave propagation
NT atmospheric electromagnetic wave propagation
light propagation
plasma electromagnetic wave propagation
radiowave propagation
RT anisotropic media
dispersive media
electromagnetic field theory
electromagnetic wave absorption
electromagnetic wave diffraction
electromagnetic wave interference
electromagnetic wave reflection
electromagnetic wave refraction
electromagnetic wave scattering
electromagnetic wave transmission
electromagnetic waves
inhomogeneous media
invisibility cloaks
light transmission
nonlinear media
random media
transmission
DEU elektromagnetische Wellenausbreitung

electromagnetic wave propagation in plasma
USE plasma electromagnetic wave propagation

electromagnetic wave reflection
BT reflection
NT light reflection
X-ray reflection
RT electromagnetic wave propagation
electromagnetic waves
frequency selective surfaces
DEU elektromagnetische Wellenreflexion
DSY Reflexion elektromagnetischer Wellen

electromagnetic wave refraction
BT refraction
NT light refraction
RT conducting bodies
electromagnetic wave propagation
electromagnetic waves
DEU Brechung elektromagnetischer Wellen
DSY elektromagnetische Brechung
elektromagnetische Wellenbrechung

electromagnetic wave scattering
BT scattering
NT gamma-ray scattering
light scattering
Mie scattering
X-ray scattering
UF *electromagnetic wave attenuation / electromagnetic wave absorption + electromagnetic wave scattering*
SY *electromagnetic wave diffusion*
Mie theory
RT absorbing media
anisotropic media
backscatter
conducting bodies
dielectric bodies
dispersive media
electric field integral equations
electromagnetic wave propagation
electromagnetic waves
frequency selective surfaces
inhomogeneous media
invisibility cloaks
magnetic field integral equations
periodic structures
radar absorbing materials
radar cross-sections
random media
rough surfaces
ultra wideband radar
DEU elektromagnetische Streuung
DSY elektromagnetische Wellenstreuung

electromagnetic wave transmission
BT transmission
NT light transmission
PT electromagnetic wave propagation
RT electromagnetic wave propagation
electromagnetic waves
frequency selective surfaces

DEU elektromagnetische Übertragung
DSY elektromagnetische Wellenübertragung
Übertragung elektromagnetischer Wellen

electromagnetic waves
BT radiation
waves
NT bremsstrahlung
channelling radiation
Cherenkov radiation
cyclotron radiation
gamma-rays
heat radiation
light
radiowaves
surface electromagnetic waves
synchrotron radiation
transition radiation
undulator radiation
whispering gallery modes
whistlers
X-rays
SY *electromagnetic energy*
electromagnetic radiation
EM waves
RT chirality
coherence
computational electromagnetics
Doppler effect
electric fields
electromagnetic field theory
electromagnetic oscillations
electromagnetic wave absorption
electromagnetic wave diffraction
electromagnetic wave interference
electromagnetic wave interferometers
electromagnetic wave interferometry
electromagnetic wave polarisation
electromagnetic wave propagation
electromagnetic wave reflection
electromagnetic wave refraction
electromagnetic wave scattering
electromagnetic wave transmission
electromagnetism
magnetic fields
modulation
telecommunication
DEU elektromagnetische Welle

electromagnetically induced transparency
USE self-induced transparency

electromagnetism
NT computational electromagnetics
electromagnetic coupling
electromagnetic field theory
electromagnetic forces
electromagnetic induction
Maxwell equations
Wiedemann effect
SY *Biot-Savart law*
RT chirality
classical field theory
eddy currents
Einstein-Maxwell equations
electric fields
electricity
electrodynamics
electromagnetic devices
electromagnetic fields
electromagnetic oscillations
electromagnetic wave absorption
electromagnetic waves
electromagnets
electrostatics
force
magnetic fields
magnetic materials
magnetism
magnetoelectric effects
magnetostatics
Matteucci effect
Procopiu effect
quantum electrodynamics
DEU Elektromagnetismus

electromagnets
BT electromagnetic devices
magnets
NT superconducting magnets
RT accelerator magnets
actuators
coils
cores
electromagnetism
magnetic levitation
solenoids
wigglers
DEU Elektromagnet

electromechanical actuators
BT actuators
PT actuators
electric actuators
RT electric actuators
electroactive polymer actuators
electromechanical effects
micromechanical devices
DEU elektromechanische Betätigung
DSY elektromechanische

Betätigungseinrichtung
elektromechanische Betätigungsvorrichtung
elektromechanische Stellvorrichtung
elektromechanische Verstelleinrichtung
elektromechanischer Aktor
elektromechanischer Aktuator
elektromechanischer Antrieb
elektromechanischer Stellantrieb
elektromechanisches Bedienelement
elektromechanisches Bedienungselement
elektromechanisches Betätigungsglied
elektromechanisches Stellglied
elektromechanishce Verstelleinrichtung

electromechanical effects
BT electric field effects
NT electrostriction
piezoelectricity
RT electromechanical actuators
DEU elektromechanische Wirkung
DSY elektromechanischer Effekt

electromechanical filters
BT filters
NT crystal filters
DEU elektromechanischer Filter
DSY elektromechanisches Filter

electrometers
BT meters
RT charge measurement
voltage measurement
DEU Elektrometer

electromigration
BT diffusion
electric field effects
PT diffusion
electric field effects
RT failure analysis
integrated circuit interconnections
integrated circuit metallisation
integrated circuit reliability
DEU Elektromigration

electromotive force
USE electric potential
DEU elektromotorische Kraft

electromyography
BT bioelectric potentials
muscle
SY *EMG (electromyography)*
myoelectricity
PT bioelectric potentials
muscle
RT neurophysiology
patient diagnosis
patient monitoring
DEU Elektromyographie

electron absorption
BT absorption
SY *electron beam absorption*
RT beta-ray absorption
electrons
DEU Elektronen-Absorption

electron accelerators
BT particle accelerators
NT betatrons
microtrons
PT particle accelerators
RT cyclic accelerators
linear colliders
tandem accelerators
DEU Elektronenbeschleuniger

electron affinity
SY *negative electron affinity*
RT ionisation potential
DEU Elektronenaffinität

electron annihilation
USE electron-positron inclusive interactions

electron attachment
BT electron collisions
UF *dissociative attachment / dissociation + electron attachment + positron attachment*
PT collision processes
RT electron capture
electron detachment
ionisation
negative ions
positron attachment
DEU Elektronenbindung

electron avalanches
BT discharges (electric)
ionisation
SY *avalanche multiplication (gases)*
PT electric breakdown
RT Townsend discharge
DEU Elektronenlawine

electron backscattering
BT electron collisions
particle backscattering
SY *backscattered electrons*
PT particle backscattering
RT electron energy loss spectra
electron-surface impact
secondary electron emission
DEU Elektronenrückstreuung

electron beam absorption
USE electron absorption

electron beam annealing
BT annealing
electron beam applications
PT annealing
electron beam applications
electron beam effects
semiconductor technology
RT electron beam effects
semiconductor technology
DEU Elektronenstrahlglühen

electron beam applications
NT electron beam annealing
electron beam deposition
electron beam lithography
electron beam machining
electron beam pumping
electron beam testing
electron beam welding
RT arc welding
electron beam effects
electron beams
radiation therapy
DEU Elektronenstrahlenanwendung

electron beam deposition
BT electron beam applications
vapour deposition
PT electron beam applications
vapour deposition
RT vacuum deposited coatings
vacuum deposition
vapour deposited coatings
DEU Elektronenstrahlabscheidung

electron beam effects
BT radiation effects
NT cathodochromism
cathodoluminescence
UF *biological effects of electrons / biological effects of ionising particles + electron beam effects*
RT beta-ray effects
biological effects of ionising particles
EBIC
electron beam annealing
electron beam applications
electron beams
electron collisions
electron stimulated desorption
electron-surface impact
plasma-beam interactions
DEU Elektronenstrahlenwirkung
DSY Elektronenstrahlwirkung

electron beam focusing
BT particle beam focusing
PT focusing
RT electron beams
electron lenses
electron optics
DEU Elektronenstrahlenfokussierung

electron beam impact
USE electron collisions

electron beam induced conductivity
USE EBIC

electron beam induced currents
USE EBIC

electron beam lithography
BT electron beam applications
lithography
NT electron resists
SY *electron lithography*
PT electron beam applications
integrated circuit technology
semiconductor technology
RT integrated circuit technology
nanolithography
proximity effect (lithography)
reticles
semiconductor technology
DEU Elektronenstrahllithographie

electron beam machining
BT electron beam applications
machining
PT electron beam applications
machining
DEU Elektronenstrahlbearbeitung

electron beam pumping
BT electron beam applications
electron impact excitation
PT electron beam applications
RT excimer lasers
lasers
population inversion
stimulated emission

DEU Elektronenstrahlenpumpen

electron beam resists
USE electron resists

electron beam testing
BT electron beam applications
testing
PT electron beam applications
RT EBIC
integrated circuit testing
DEU Elektronenstrahlprüfung

electron beam welding
BT electron beam applications
welding
PT electron beam applications
welding
DEU Elektronenstrahlschweißen

electron beams
BT particle beams
NT relativistic electron beams
RT beta-rays
betatrons
cathode rays
cathode-ray tubes
electrodynamics
electron beam applications
electron beam effects
electron beam focusing
electron collisions
electron diffraction
electron emission
electron gas
electron lenses
electron microscopes
electron optics
electron probes
electron tubes
electrons
Kapitza-Dirac effect
magnetic lenses
relativistic electron beam tubes
Schwarz-Hora effect
space charge waves
DEU Elektronenstrahl

electron bombarded semiconductor devices
BT semiconductor devices
vacuum microelectronics
PT microwave amplifiers
microwave tubes
semiconductor diodes
RT microwave amplifiers
microwave tubes
semiconductor diodes
DEU elektronenbombardiertes
Halbleiterbauelement

electron bunches
USE particle beam bunching

electron capture
RT charge exchange
collision processes
electron attachment
electron collisions
DEU Elektroneneinfang

electron capture in solids
USE electron traps

electron capture, nuclear
USE nuclear electron capture

electron coincidence spectroscopy
USE electron spectroscopy

electron collisions
BT collision processes
NT atom-electron collisions
electron attachment
electron backscattering
electron impact dissociation
electron impact excitation
electron impact ionisation
electron-surface impact
molecule-electron collisions
SY *electron beam impact*
electron impact
UF *electron interactions / electron collisions + electron-deuteron interactions + electron-electron interactions + electron-nucleon interactions + electron-nucleus reactions + electron-positron interactions + electron-quark interactions + hadron electroproduction*
UF *electron scattering / electron collisions + electron-deuteron scattering + electron-electron scattering + electron-nucleon scattering + electron-nucleus scattering + electron-positron scattering + electron-quark scattering + hadron electroproduction*
PT electron impact
RT electron beam effects
electron beams
electron capture
electron spectra
positron collisions
DEU Elektronenkollision
DSY Elektronenzusammenstoß

electron correlations
BT energy states
SY *atomic electron correlations*
molecular electron correlations
PT atomic electron correlations
molecular electron correlations
RT atomic structure
configuration interactions
coupled cluster calculations
molecular electronic states
orbital calculations
strongly correlated electron systems
DEU Elektronenkorrelation

electron cyclotron masers
USE cyclotron masers

electron cyclotron resonance
USE cyclotron resonance

electron cyclotron resonance heating (plasma)
USE plasma radiofrequency heating

electron density
BT carrier density
RT atmospheric electricity
current density
current distribution
hole density
ionosphere
plasma density
plasma diagnostics
total electron content (atmosphere)
DEU Elektronendichte

electron density (metals)
DEU Elektronendichte (Metall)

electron density of states
USE electronic density of states

electron detachment
SY *photodetachment*
PT ionisation of atoms
ionisation of molecules
RT electron attachment
photoionisation
DEU Elektronenabtrennung

electron detection
BT radiation detection
PT electron detection and measurement
RT beta-ray detection
electron spectrometers
electrons
radioactivity measurement
DEU Elektronendetektion

electron device manufacture
BT manufacture
NT electron tube manufacture
integrated circuit manufacture
semiconductor device manufacture
SY *electronic component manufacture*
RT electronic equipment manufacture
electronics industry
microassembling
DEU Elektronikgerätebau
DSY Herstellung elektronischer Geräte

electron device noise
BT noise
NT semiconductor device noise
superconducting device noise
PT noise
RT electron tubes
semiconductor devices
superconducting devices
DEU Bauelementerauschen (Elektronik)
DSY Rauschen elektronischer Bauelemente

electron device testing
BT testing
NT electron tube testing
semiconductor device testing
superconducting device testing
UF *capacitor testing / capacitors* + *electron device testing*
RT electronic equipment testing
life testing
DEU Bauelementeprüfung (Elektronik)
DSY Bauelementetest (Elektronik)
Elektronikgeräteprüfung
Elektronikgerätetest
Prüfung elektronischer Bauelement
Test elektronischer Bauelement

electron diffraction
BT diffraction
NT electron diffraction crystallography
gas phase electron diffraction
high energy electron diffraction
low energy electron diffraction
RT electron beams
electron microscopes
electron microscopy
electron optics
electrons
DEU Elektronenbeugung

electron diffraction crystallography
BT crystallography
electron diffraction
SY *Kikuchi lines*
RT crystal structure
Debye-Waller factors
DEU Elektronenbeugungskristallographie
DSY Elektronendiffraktionskristallograph ie

electron emission
BT emission
NT Auger effect
electron field emission
exoelectron emission
photoemission
secondary electron emission
spin polarised electron emission
thermionic electron emission
RT cathodes
electron beams
electron tubes
electron-surface impact
surface phenomena
work function
DEU Elektronenemission

electron energy bands
USE band structure

electron energy loss spectra
BT electron spectra
energy loss of particles
SY *EELS*
ELNES
EXELFS
FEELS
PT electron spectra
energy loss of particles
RT electron backscattering
electron probe analysis
particle backscattering
DEU Elektronenenergieverlustspektrum

electron field emission
BT electron emission
field emission
NT field emission displays
field emission electron microscopy
field emitter arrays
UF *field emission cathodes / cathodes + electron field emission + vacuum microelectronics*
RT electron spectroscopy
field emission electron microscopes
vacuum breakdown
vacuum microelectronics
DEU Feldelektronenemission

electron gas
BT energy states
fermion systems
NT two-dimensional electron gas
SY *hole gas*
RT cathode-ray tubes
charge density waves
dielectric function
Dingle temperature
electron beams
electron lenses
electron optics
Fermi liquid
HF calculations
Landau levels
Luttinger liquid
magnetic lenses
metal theory
plasma guns
RPA calculations
spin density waves
statistical mechanics
strongly correlated electron systems
Thomas-Fermi model
Wigner crystal
DEU Elektronengas

electron guns
BT electron tube components
SY *Pierce electron guns*
RT cathode-ray tubes
DEU Elektronenstrahlerzeuger

electron holography
BT electron optics
holography
PT electron optics
holography
RT electron microscopy
DEU Elektronenholographie

electron impact
USE electron collisions

electron impact dissociation
BT dissociation
electron collisions
UF *molecular electron impact dissociation / electron impact dissociation + molecule-electron collisions*
PT molecular electron impact dissociation
RT molecule-electron collisions
positron impact dissociation
DEU Elektronenstoßdissoziation

electron impact excitation
BT electron collisions
NT electron beam pumping
UF *atomic electron impact excitation / atom-electron collisions* + *electron impact excitation*
UF *molecular electron impact excitation / electron impact excitation* + *molecule-electron collisions*
PT atomic electron impact excitation
molecular electron impact excitation
RT atom-electron collisions
molecule-electron collisions
positron impact excitation
DEU Elektronenstoßanregung

electron impact ionisation
BT electron collisions
ionisation
UF *atomic electron impact ionisation / atom-electron collisions* + *electron impact ionisation*
UF *e, 2e reactions (atoms) / atom-electron collisions* + *electron impact ionisation*
UF *e, 2e reactions (molecules) / electron impact ionisation* + *molecule-electron collisions*
SY *electron ionisation*
UF *molecular electron impact ionisation / electron impact ionisation* + *molecule-electron collisions*
PT atomic electron impact ionisation
molecular electron impact ionisation
RT atom-electron collisions
molecule-electron collisions
positron impact ionisation
DEU Elektronenstoßionisation

electron impact spectroscopy
USE electron spectroscopy

electron interactions
USE electron collisions
\+ electron-deuteron interactions
\+ electron-electron interactions
\+ electron-nucleon interactions
\+ electron-nucleus reactions
\+ electron-positron interactions
\+ electron-quark interactions
\+ hadron electroproduction

electron interferometry
USE particle interferometry

electron ionisation
USE electron impact ionisation

electron lenses
BT lenses
UF *quadrupole lenses / electron lenses* + *electrostatic lenses* + *magnetic lenses*
RT electron beam focusing
electron beams
electron gas
electron microscopes
electron optics
focusing
DEU Elektronenlinse

electron lifetime (metals)
USE electron relaxation time

electron lifetime (semiconductors)
USE carrier lifetime

electron lithography
USE electron beam lithography

electron mean free path
BT carrier mean free path
PT carrier mean free path
electron mean free path (metals)
RT electron relaxation time
DEU elektronenfreier Pfad

electron mean free path (metals)
DEU elektronenfreier mittlerer Weg (Metall)

electron microprobe analysis
USE electron probe analysis

electron microprobes
USE electron probes

electron microscopes
BT microscopes
NT field emission electron microscopes
scanning electron microscopes
scanning-transmission electron microscopes
transmission electron microscopes
SY *positron microscopes*
RT electron beams
electron diffraction
electron lenses

electron microscopy
electron optics
DEU Elektronenmikroskop

electron microscopy
BT microscopy
NT field emission electron microscopy
photoelectron microscopy
scanning electron microscopy
scanning-transmission electron microscopy
transmission electron microscopy
SY *HVEM*
RT atomic force microscopy
electron diffraction
electron holography
electron microscopes
electron optics
fractography
magnetic force microscopy
metallography
replica techniques
sample holders
scanning tunnelling microscopy
specimen preparation
DEU Elektronenmikroskopie

electron mirrors
USE electron optics
\+ mirrors

electron mobility
BT carrier mobility
SY *conduction electron mobility*
RT hole mobility
DEU Elektronenbeweglichkeit
DSY Elektronenmobilität

electron mobility (metals)
DEU Elektronenmobilität (Metall)

electron momentum spectra
USE electron spectra

electron momentum spectroscopy
USE electron spectroscopy

electron multiplier detectors
BT electron multipliers
particle detectors
PT particle detectors
RT radiation detection
DEU Elektronenvervielfacherdetektor

electron multipliers
BT electron tubes
NT electron multiplier detectors
photomultipliers
SY *multipliers, electron*
RT secondary electron emission
DEU Elektronenvervielfacher

electron nuclear double resonance
USE ENDOR (electron nuclear double resonance)

electron optics
BT particle optics
NT electron holography
UF *electron mirrors / electron optics + mirrors*
RT beta-ray spectrometers
betatrons
cathode rays
cathode-ray tubes
electro-optical effects
electrodynamics
electron beam focusing
electron beams
electron diffraction
electron gas
electron lenses
electron microscopes
electron microscopy
electrostatic lenses
focusing
magnetic lenses
DEU Elektronenoptik

electron pair annihilation
USE electron-positron inclusive interactions

electron pair production
BT electron production
SY *pair production, electron*
RT electron pairs
positronium
DEU Elektronenpaarproduktion

electron pairs
SY *pairs, electron*
RT electron pair production
electrons
positronium
positrons
DEU Elektronenpaar

electron paramagnetic resonance
USE paramagnetic resonance

electron probe analysers
USE electron probe analysis

electron probe analysis
BT chemical analysis
SY *electron microprobe analysis*
electron probe analysers
electron probe analyzers
electron probe microanalysis
EPMA
microprobe analysis, electron
PT chemical analysis
RT electron energy loss spectra
electron probes
ESCA
secondary electron emission
X-ray analysis
X-ray chemical analysis
DEU Elektronensondenanalyse

electron probe analyzers
USE electron probe analysis

electron probe microanalysis
USE electron probe analysis

electron probes
BT probes
SY *electron microprobes*
PT probes
RT electron beams
electron probe analysis
DEU Elektronensonde
DSY Elektronenstrahlmikrosonde

electron production
BT lepton production
NT electron pair production
PT electrons
lepton production
RT electrons
DEU Elektronenproduktion

electron radiation
RT bremsstrahlung
Cherenkov radiation
DEU Elektronenstrahlung

electron reactions
USE electron-nucleus reactions

electron relaxation time
BT carrier relaxation time
SY *electron lifetime (metals)*
PT carrier relaxation time
electron relaxation time (metals)
RT electron mean free path
DEU Elektronenentspannungszeit

electron relaxation time (metals)
DEU Elektronenentspannungszeit (Metall)

electron resists
BT electron beam lithography resists
SY *electron beam resists*
RT integrated circuit technology
masks
photoresists
semiconductor technology
DEU Elektronenlack

electron ring accelerators
BT particle accelerators
PT particle accelerators
DEU Elektronenringbeschleuniger

electron scattering
USE electron collisions
\+ electron-deuteron scattering
\+ electron-electron scattering
\+ electron-nucleon scattering
\+ electron-nucleus scattering
\+ electron-positron scattering
\+ electron-quark scattering
\+ hadron electroproduction

electron solvation
USE solvation

electron sources
BT particle sources
PT particle sources
RT beta-ray sources
positron sources
DEU Elektronenquelle

electron spectra
BT spectra (general)
NT Auger electron spectra
conversion electron spectra
electron energy loss spectra
inverse photoemission spectra
photoelectron spectra
SY *electron momentum spectra*
RT chemical shift
electron collisions
electron spectroscopy
electron-surface impact
DEU Elektronenspektrum

electron spectrometers
BT particle spectrometers
PT particle spectrometers
RT beta-ray spectrometers
electron detection

electron spectroscopy
electrons
DEU Elektronen-Spektrometer
DSY Elektronenspektrometer

electron spectroscopy
BT spectroscopy
NT Auger electron spectroscopy
ESCA
inverse photoemission spectroscopy
photoelectron spectroscopy
SY *e, 2e spectroscopy*
electron coincidence spectroscopy
electron impact spectroscopy
electron momentum spectroscopy
total current spectroscopy
PT spectroscopy
RT electron field emission
electron spectra
electron spectrometers
DEU Elektronen-Spektroskopie
DSY Elektronenspektrometer
Elektronenspektrometrie
Elektronenspektroskopie

electron spectroscopy for chemical analysis
USE ESCA

electron spin
BT lepton spin
PT electrons
RT magnetic moments
DEU Elektronenspin

electron spin echo
USE spin echo (EPR)

electron spin polarisation
BT polarisation
NT spin polarised atomic hydrogen
spin polarised electron emission
spin polarised transport
UF *Fano effect / electron spin polarisation + photoemission*
SY *spin polarisation, electron*
RT CIDEP
magnetism
magnetoelectronics
spin dynamics
DEU Elektronenspinpolarisation

electron spin resonance
USE paramagnetic resonance

electron spin-lattice relaxation
BT spin-lattice relaxation
UF *T1 relaxation (magnetic resonance) / electron spin-lattice relaxation + nuclear spin-lattice relaxation + spin-lattice relaxation*
PT spin-lattice relaxation
RT paramagnetic resonance
DEU Elektronenspingitterentspannung

electron states, impurity
USE impurity states

electron states, interface
USE interface states

electron states, localised
USE localised states

electron states, surface
USE surface states

electron stimulated desorption
BT desorption
electron-surface impact
PT desorption
RT electron beam effects
photon stimulated desorption
thermally stimulated desorption
DEU elektronenangeregte Desorption

electron theory
BT elementary particle theory
UF *Dirac electron theory / Dirac equation + electron theory*
RT Dirac equation
electrons
quantum electrodynamics
quantum theory
DEU Elektronentheorie

electron theory of metals
USE metal theory

electron transport theory
BT transport processes
PT transport processes
RT electrons
shielding
DEU Elektronentransporttheorie

electron traps
BT localised states
UF *carrier traps / electron traps + hole traps*
SY *electron capture in solids*
traps, electron
PT impurity electron states and

effects
RT carrier lifetime
colour centres
electronic density of states
hole traps
impurity states
negative bias temperature instability
DEU Elektronenhaftstelle

electron tube components
NT electron guns
PT electron tubes
RT electrodes
electron tubes
DEU Elektronenstrahlröhrenkomponente
DSY Elektronenstrahlröhrenteil

electron tube manufacture
BT electron device manufacture
RT electron tubes
getters
glass-metal seals
DEU Elektronenröhrenfertigung
DSY Elektronenröhrenherstellung
Elektronenröhrenproduktion
Herstellung von Elektronenröhren

electron tube testing
BT electron device testing
RT electron tubes
life testing
DEU Elektronenröhrenprüfung
DSY Elektronenröhrentest

electron tubes
NT cold-cathode tubes
electron multipliers
electron wave tubes
gas-discharge tubes
microwave tubes
millimetre wave tubes
relativistic electron beam tubes
submillimetre wave tubes
thermionic tubes
UHF tubes
vacuum tubes
SY *tubes, electron*
valves (electronic)
RT diodes
electrodes
electrodynamics
electron beams
electron device noise
electron emission
electron tube components
electron tube manufacture
electron tube testing
vacuum techniques
DEU Elektronenstrahlröhre

electron tunnelling
USE tunnelling

electron wave interference devices
USE electron waveguides

electron wave tubes
BT electron tubes
NT travelling wave tubes
SY *electron-wave tubes*
RT microwave tubes
millimetre wave tubes
submillimetre wave tubes
thermionic tubes
DEU Elektronenwellenröhre

electron waveguides
BT quantum interference devices
waveguides
SY *electron wave interference devices*
PT quantum interference devices
quantum interference phenomena
RT mesoscopic systems
quantum interference phenomena
semiconductor quantum wires
DEU Elektronenwellenleiter

electron-atom collisions
USE atom-electron collisions

electron-deuteron interactions
BT lepton-deuteron interactions
UF *electron interactions / electron collisions + electron-deuteron interactions + electron-electron interactions + electron-nucleon interactions + electron-nucleus reactions + electron-positron interactions + electron-quark interactions + hadron electroproduction*
PT lepton-deuteron interactions
RT electron-deuteron scattering
DEU Elektron-Deuteron-Wechselwirkung

electron-deuteron scattering
BT lepton-deuteron scattering
UF *electron scattering / electron collisions + electron-deuteron scattering + electron-electron scattering + electron-nucleon scattering + electron-nucleus scattering + electron-positron scattering + electron-quark*

scattering + hadron electroproduction
PT lepton-deuteron scattering
RT electron-deuteron interactions
DEU Elektron-Deuteron-Streuung

electron-electron double resonance
USE ELDOR

electron-electron interactions
BT lepton-lepton interactions
UF *electron interactions / electron collisions + electron-deuteron interactions + electron-electron interactions + electron-nucleon interactions + electron-nucleus reactions + electron-positron interactions + electron-quark interactions + hadron electroproduction*
PT electron interactions
RT electron-electron scattering
DEU Elektron-Elektron-Wechselwirkung

electron-electron scattering
BT lepton-lepton scattering
UF *electron scattering / electron collisions + electron-deuteron scattering + electron-electron scattering + electron-nucleon scattering + electron-nucleus scattering + electron-positron scattering + electron-quark scattering + hadron electroproduction*
UF *positron scattering / electron-electron scattering + electron-nucleon scattering + electron-nucleus scattering + hadron electroproduction + positron collisions*
PT electron scattering
RT electron-electron interactions
DEU Elektron-Elektron-Streuung

electron-hole drops
BT energy states
SY *electron-hole liquid*
RT excitons
luminescence
semiconductor materials
DEU Defektelektronenspannungsabfall

electron-hole liquid
USE electron-hole drops

electron-hole plasma
USE solid-state plasma

electron-hole recombination
BT transport processes
NT surface recombination
UF *Auger recombination / Auger effect + electron-hole recombination*
SY *recombination, electron-hole*
PT electrical conductivity of solids
RT carrier lifetime
carrier mobility
luminescence
DEU Defektelektronrekombination

electron-molecule collisions
USE molecule-electron collisions

electron-neutron interactions
BT electron-nucleon interactions
PT electron-nucleon interactions
RT electron-neutron scattering
DEU Elektron-Neutron-Wechselwirkung

electron-neutron scattering
BT electron-nucleon scattering
PT electron-nucleon scattering
RT electron-neutron interactions
DEU Elektron-Neutron-Streuung

electron-nucleon interactions
BT lepton-nucleon interactions
NT electron-neutron interactions
electron-proton interactions
UF *electron interactions / electron collisions + electron-deuteron interactions + electron-electron interactions + electron-nucleon interactions + electron-nucleus reactions + electron-positron interactions + electron-quark interactions + hadron electroproduction*
PT electron interactions
neutron interactions
nucleon interactions
proton interactions
RT electron-nucleon scattering
electron-nucleus reactions
DEU Elektron-Nukleon-Wechselwirkung

electron-nucleon scattering
BT lepton-nucleon scattering
NT electron-neutron scattering
electron-proton scattering
UF *electron scattering / electron collisions + electron-deuteron*

scattering + *electron-electron scattering* + *electron-nucleon scattering* + *electron-nucleus scattering* + *electron-positron scattering* + *electron-quark scattering* + *hadron electroproduction*
UF *positron scattering / electron-electron scattering* + *electron-nucleon scattering* + *electron-nucleus scattering* + *hadron electroproduction* + *positron collisions*
PT electron scattering
neutron scattering
nucleon scattering
proton scattering
RT electron-nucleon interactions
DEU Elektron-Nukleon-Streuung

electron-nucleus reactions
BT lepton-nucleus reactions
NT electrofission
UF *electron interactions / electron collisions* + *electron-deuteron interactions* + *electron-electron interactions* + *electron-nucleon interactions* + *electron-nucleus reactions* + *electron-positron interactions* + *electron-quark interactions* + *hadron electroproduction*
SY *electron reactions*
PT nuclear reactions and scattering due to electrons
RT electron-nucleon interactions
nuclear electron capture
DEU Elektron-Atomkern-Reaktion

electron-nucleus scattering
BT lepton-nucleus scattering
UF *electron scattering / electron collisions* + *electron-deuteron scattering* + *electron-electron scattering* + *electron-nucleon scattering* + *electron-nucleus scattering* + *electron-positron scattering* + *electron-quark scattering* + *hadron electroproduction*
UF *positron scattering / electron-electron scattering* + *electron-nucleon scattering* + *electron-nucleus scattering* + *hadron electroproduction* + *positron collisions*
PT nuclear reactions and scattering due to electrons
DEU Elektron-Atomkern-Streuung

electron-phonon interactions
BT phonons
NT phonon drag
SY *phonon-electron interactions*
RT point contact spectroscopy
polarons
spin-phonon interactions
strong-coupling superconductors
tunnelling spectra
tunnelling spectroscopy
umklapp process
DEU Elektron-Phonon-Wechselwirkung

electron-positron inclusive interactions
BT electron-positron interactions
elementary particle inclusive interactions
SY *electron annihilation*
electron pair annihilation
pair annihilation, electron
positron annihilation (elementary particles)
PT electron interactions
elementary particle inclusive reactions
positron annihilation
RT elementary particle jets
DEU Elektron-Positron-Einschließungs-Wechselwirkung

electron-positron interactions
BT lepton-lepton interactions
NT electron-positron inclusive interactions
UF *electron interactions / electron collisions* + *electron-deuteron interactions* + *electron-electron interactions* + *electron-nucleon interactions* + *electron-nucleus reactions* + *electron-positron interactions* + *electron-quark interactions* + *hadron electroproduction*
PT electron interactions
lepton interactions
positron annihilation
RT electron-positron scattering
DEU Elektron-Positron-Wechselwirkung

electron-positron interactions (atomic physics)
USE atom-positron collisions
\+ positron annihilation

electron-positron interactions (molecular physics)
USE molecule-positron collisions
\+ positron annihilation

electron-positron scattering
BT lepton-lepton scattering
UF *electron scattering / electron collisions + electron-deuteron scattering + electron-electron scattering + electron-nucleon scattering + electron-nucleus scattering + electron-positron scattering + electron-quark scattering + hadron electroproduction*
PT electron scattering
lepton scattering
RT electron-positron interactions
DEU Elektron-Positron-Streuung

electron-proton interactions
BT electron-nucleon interactions
PT electron interactions
proton interactions
RT electron-proton scattering
DEU Elektron-Proton-Wechselwirkung

electron-proton scattering
BT electron-nucleon scattering
RT electron-proton interactions
DEU Elektron-Proton-Streuung

electron-quark interactions
BT elementary particle interactions
UF *electron interactions / electron collisions + electron-deuteron interactions + electron-electron interactions + electron-nucleon interactions + electron-nucleus reactions + electron-positron interactions + electron-quark interactions + hadron electroproduction*
PT elementary particle interactions
RT electron-quark scattering
quark models
DEU Elektron-Quark-Wechselwirkung

electron-quark scattering
BT elementary particle scattering
UF *electron scattering / electron collisions + electron-deuteron scattering + electron-electron scattering + electron-nucleon scattering + electron-nucleus scattering + electron-positron scattering + electron-quark scattering + hadron electroproduction*
PT elementary particle scattering
RT electron-quark interactions
quark models
DEU Elektron-Quark-Streuung

electron-surface impact
BT electron collisions
surface collisions
NT electron stimulated desorption
PT electron impact
RT electron backscattering
electron beam effects
electron emission
electron spectra
positron-surface impact
DEU Elektron-Oberflächen-Stoß

electron-wave tubes
USE electron wave tubes

electronegativity
PT bonds (chemical)
ionisation potential
RT bonds (chemical)
ionisation potential
DEU Elektronegativität

electronic beam steering
USE beam steering

electronic books
USE electronic publishing

electronic calculators
BT calculating apparatus
digital computers
electronic products
SY *calculators (electronic)*
UF *desk calculators / calculating apparatus + electronic calculators*
SY *electronic desk calculators*
PT calculating apparatus
digital computers
RT microcomputers
portable computers
DEU elektronische Rechenmaschine
DSY elektronischer Rechenapparat
elektronischer Rechner

electronic cash
USE electronic money

electronic commerce
BT business data processing
EFTS
NT electronic money

mobile commerce
UF *auctioning / commerce + electronic commerce*
UF *auctions / commerce + electronic commerce*
SY *e-commerce*
PT business data processing
EFTS
RT collaborative filtering
customer relationship management
electronic trading
near-field communication
recommender systems
retail data processing
small-to-medium enterprises
supply chain management
virtual enterprises
DEU elektronische Geschäftsführung
DSY elektronischer Handel

electronic component manufacture
USE electron device manufacture

electronic conduction in semiconductor thin films
DEU elektronische Leitung in Halbleiterdünnschichten

electronic copyboards
USE photocopying

electronic counter-countermeasures
USE electronic countermeasures

electronic countermeasures
BT electronic warfare
SY *ECCM*
ECM
electronic counter-countermeasures
radar countermeasures
RT jamming
military systems
radar
radiocommunication
spread spectrum radar
DEU elektronische Gegenmaßnahme

electronic data interchange
BT data handling
NT EFTS
SY *data conversion (software)*
data exchange
data interchange
data interfaces
data portability
data transfer formats
EDIF
portability, data
transfer formats for data
PT data handling
RT CAD/CAM
computer networks
data communication
integrated software
standards
DEU Datenaustausch
DSY elektronischer Datenaustausch

electronic density of states
BT energy states
SY *density of states, electron*
electron density of states
PT band structure
crystal electron states
RT band structure
electron traps
Fermi level
Fermi surface
impurity states
localised states
recursion method
surface states
total energy
DEU elektronische Dichte des Zustands

electronic design automation
BT CAD
electronic engineering computing
NT circuit CAD
circuit layout CAD
SY *design automation*
RT application specific integrated circuits
hardware-software codesign
integrated circuit design
logic CAD
printed circuit design
DEU Elektronikentwurfsautomatisierung
DSY Schaltkreisentwurfsautomatisierung
Schaltungsentwurfsautomatisierung

electronic desk calculators
USE electronic calculators

electronic document handling
USE document handling

electronic engineering
BT electrical engineering
NT automotive electronics
cryogenic electronics
electronic engineering computing
electronic engineering education
high-temperature electronics

low-power electronics
nanoelectronics
RT electronics industry
mechatronics
networks (circuits)
DEU Elektronikingenieurwesen

electronic engineering computing
BT electrical engineering computing
electronic engineering
NT circuit analysis computing
electronic design automation
logic CAD
logic simulation
SPICE
PT electronics applications of computers
RT automatic test software
computerised instrumentation
optical engineering computing
semiconductor process modelling
DEU computergestützte Elektronik
DSY computerunterstützte Elektronik
Elektronikcomputeranwendung
Elektronikrechneranwendung
rechnergestützte Elektronik
rechnerunterstützte Elektronik

electronic engineering education
BT electrical engineering education
electronic engineering
PT education
electronic engineering
RT computer aided instruction
educational courses
teaching
training
DEU Elektronikausbildung

electronic equipment manufacture
BT manufacture
NT printed circuit manufacture
RT assembling
electron device manufacture
electronic equipment testing
electronics industry
RoHS compliance
telecommunication industry
WEEE Directive
DEU Fertigung elektronischer Ausrüstung
DSY Fertigung elektronischer Bauelemente

electronic equipment testing
BT testing
NT circuit testing
computer equipment testing
telecommunication equipment testing
RT anechoic chambers (electromagnetic)
design for testability
electron device testing
electronic equipment manufacture
immunity testing
life testing
TEM cells
DEU Elektronikausrüstungsprüfung
DSY Elektronikausrüstungstest

electronic funds transfer systems
USE EFTS

electronic health records
BT medical information systems
SY *electronic medical records*
electronic patient records
EPR (computing)
PT medical information systems
RT data privacy
data protection
health care
PACS
patient care
patient treatment
records management
DEU elektronische Befunddokumentation
DSY elektronischer Gesundheitsdatensatz

electronic journals
USE electronic publishing

electronic mail
BT telecommunication services
NT e-mail filters
unsolicited e-mail
UF *bulletin boards / electronic mail + hobby computing + information services*
SY *E-mail*
mail (electronic)
teletex
PT telecommunication
RT administrative data processing
business communication
computer mediated communication
digital preservation
document handling
electronic messaging
facsimile
group decision support systems
groupware

office automation
postal services
teleconferencing
voice mail
DEU elektronische Post

electronic medical records
USE electronic health records

electronic messaging
SY *instant messaging*
message handling
messaging, electronic
short messaging service
text messaging
texting
PT electronic mail
message switching
RT data communication
digital communication
electronic mail
facsimile
message switching
network operating systems
packet switching
telegraphy
DEU elektronische Nachricht

electronic money
BT electronic commerce
SY *digital cash*
digital money
e-money
electronic cash
PT EFTS
RT security of data
smart cards
DEU elektronisches Geld

electronic music
SY *music, electronic*
UF *sound boards (computer peripherals) / acoustic generators + electronic music*
RT music
musical acoustics
musical instruments
DEU elektronische Musik

electronic news gathering
BT television
PT television
RT television applications
television equipment
DEU elektronische Nachrichtenzusammenstellung

electronic noses
BT gas sensors
SY *odor sensors*
odour sensors
PT gas sensors
RT biosensors
chemical sensors
chemioception
intelligent sensors
DEU elektronische Geruchserkennung
DSY elektronische Nase
elektronischer Geruchssinn

electronic office
USE office automation

electronic paper
BT display devices
PT display devices
RT electrophoretic displays
flexible displays
liquid crystal displays
DEU elektronisches Papier

electronic patient records
USE electronic health records

electronic products
BT manufactured products
NT electronic calculators
RT consumer electronics
electrical products
RoHS compliance
telecommunication industry
watches
WEEE Directive
DEU elektronisches Erzeugnis
DSY elektronisches Produkt

electronic publishing
BT publishing
NT content management
optical publishing
SY *electronic books*
electronic journals
Open Access (publishing)
PT publishing
RT business graphics
CD-ROMs
desktop publishing
digital preservation
document image processing
hypermedia
multimedia systems
DEU elektronisches Publizieren
DSY elektronisches Veröffentlichen

electronic speckle pattern interferometry
BT light interferometry
speckle
SY *digital speckle pattern interferometry*
ESPI
television holography
TV shearography
video holography
PT holographic interferometry
light interferometry
speckle
RT holographic interferometry
phase shifting interferometry
shearography
television applications
DEU Speckle-Interferometrie

electronic structure
BT energy states
NT atomic structure
molecular electronic states
PT electron energy states (condensed matter)
electron energy states of amorphous solids
electron energy states of liquid metals
electron energy states of liquid semiconductors
RT band structure
band theory
CPA calculations
Fermi level
interface states
linear muffin-tin orbital method
localised states
surface states
triplet state
DEU elektronische Struktur

electronic structure, atomic
USE atomic structure

electronic structure, molecular
USE molecular electronic states

electronic switching systems
BT telecommunication switching
UF *crosspoint switches / electronic switching systems + telecommunication switching*
SY *stored program control*
PT switching systems
RT automatic telephone systems
semiconductor switches
telecommunication control
telecommunication exchanges
DEU elektronische Vermittlung

electronic tongues
BT chemical sensors
PT chemical sensors
RT beverage industry
electrochemical sensors
food processing industry
sensor fusion
voltammetry (chemical analysis)
DEU elektronischer Messfühler

electronic trading
BT financial data processing
SY *financial dealing systems*
PT financial data processing
RT electronic commerce
stock markets
DEU elektronischer Handel

electronic typewriters
USE typewriters

electronic voting (politics)
USE government data processing

electronic warfare
NT electronic countermeasures
jamming
SY *EW (electronic warfare)*
RT military systems
radar
radiocommunication
DEU elektronische Kriegsführung

electronical typesetting
BT typesetting
DEU elektronischer Satz

electronics industry
BT manufacturing industries
NT consumer electronics
semiconductor industry
PT industries
RT domestic appliances
DP industry
electrical products industry
electron device manufacture
electronic engineering
electronic equipment manufacture
integrated circuit economics
RoHS compliance
telecommunication
telecommunication industry
toy manufacturing industry
WEEE Directive
DEU Elektronikindustrie

electronics packaging
BT packaging
NT ball grid arrays
ceramic packaging
chip-on-board packaging
integrated circuit packaging
multichip modules
semiconductor device packaging
surface mount technology
tape automated bonding
thermal management (packaging)
SY *DIL*
DIP
dual inline packaging
PGA
pin grid arrays
QFP
quad flat packs
PT packaging
RT conductive adhesives
cooling
fine-pitch technology
flip-chip devices
heat sinks
lead bonding
plastic packaging
printed circuits
semiconductor technology
DEU Elektronikverpackung

electrons
BT leptons
NT cosmic ray electrons
RT beta-rays
cathode rays
electron absorption
electron beams
electron detection
electron diffraction
electron pairs
electron production
electron spectrometers
electron theory
electron transport theory
nuclear electron capture
positronium
positrons
DEU Elektron

electrooculography
USE electro-oculography

electrooptics
USE electro-optical devices
\+ electro-optical effects
DEU Elektrooptik

electroosmosis
USE electrophoresis
\+ osmosis

electrophoresis
BT electrokinetic effects
SY *dielectrophoresis*
UF *electroosmosis / electrophoresis* + *osmosis*
SY *ionotophoresis*
isotachophoresis
RT colloids
disperse systems
electric field effects
electrochemistry
electrophoretic coating techniques
electrophoretic displays
transport processes
DEU Elektrophorese

electrophoretic coating techniques
BT coating techniques
liquid phase deposition
PT coating techniques
RT electrophoresis
electrophoretic coatings
DEU elektrophoretische Beschichtungstechnik

electrophoretic coatings
BT liquid phase deposited coatings
PT films
thin films
RT electrophoretic coating techniques
DEU elektrophoretische Beschichtung
DSY elektrophoretischer Überzug

electrophoretic displays
BT display devices
PT display devices
electrophoresis
RT electronic paper
electrophoresis
flexible displays
liquid crystal displays
DEU elektrophoretische Anzeige
DSY elektrophoretisches Anzeigegerät
elektrophoretisches Display

electrophotography
BT photocopying
UF *xerography / electrophotography* + *photocopying*
SY *xeroradiography*
PT photography
RT electrostatic devices
photography
radiography

DEU Elektrofotografie
DSY Elektrophotographie

electrophysiology
USE bioelectric phenomena

electroplated coatings
BT electrodeposits
PT electroplating
metallic thin films
RT electroplating
DEU elektrolytischer Überzug

electroplating
BT electrodeposition
SY *plating (electroplating)*
RT electroplated coatings
LIGA
DEU Elektroplatieren

electropneumatic control equipment
BT electric control equipment
pneumatic control equipment
PT electric control equipment
pneumatic control equipment
RT microfluidics
DEU elektropneumatisches Bauelement

electropolishing
USE electrolytic polishing

electroproduction
USE hadron electroproduction

electroreflectance
BT electro-optical effects
reflectivity
PT electro-optical effects
reflectivity
RT modulation spectra
DEU Elektroreflexion

electroretinography
BT bioelectric potentials
eye
SY *ERG*
PT bioelectric potentials
eye
RT electro-oculography
neurophysiology
vision
DEU Elektroretinografie
DSY Elektroretinographie

electrorheological fluids
USE electrorheology

electrorheology
BT rheology
SY *electrorheological fluids*
electroviscous effect
Winslow effect
PT electroviscous effect
rheology
RT electrohydrodynamics
intelligent materials
magnetorheology
suspensions
DEU Elektrorheologie

electroslag welding
BT electric welding
PT electric welding
DEU ES-Schweißen

electrospinning
BT materials preparation
RT electric field effects
nanofibres
polymer fibres
spinning (textiles)
spraying
DEU elektrostatisches Spinnen

electrostatic accelerators
BT electrostatic devices
particle accelerators
NT van de Graaff accelerators
PT electrostatic devices
particle accelerators
RT linear accelerators
DEU elektrostatischer Beschleuniger

electrostatic actuators
BT electrostatic devices
microactuators
PT electrostatic devices
microactuators
DEU elektrostatischer Aktor
DSY elektrostatischer Aktuator
elektrostatischer Antrieb
elektrostatischer Auslöser
elektrostatischer Betätiger
elektrostatisches Stellglied

electrostatic coating techniques
USE spray coating techniques

electrostatic coatings
USE spray coatings

electrostatic devices
NT capacitors
electrostatic accelerators
electrostatic actuators

electrostatic generators
electrostatic lenses
electrostatic motors
electrostatic precipitators
RT dielectric devices
electrets
electrophotography
electrostatics
microactuators
DEU elektrostatisches Gerät

electrostatic discharge
BT discharges (electric)
electrostatics
SY *electrical overstress*
EOS (electrostatic discharge)
ESD
PT discharges (electric)
electrostatics
RT failure analysis
integrated circuit technology
reliability
static electrification
DEU elektrostatische Entladung

electrostatic fields
USE electric fields

electrostatic generators
BT direct energy conversion
electrostatic devices
PT electrostatic devices
RT energy harvesting
varactors
vibrations
DEU elektrostatischer Generator

electrostatic lenses
BT electrostatic devices
lenses
SY *particle lenses, electrostatic*
UF *quadrupole lenses / electron lenses* + *electrostatic lenses* + *magnetic lenses*
RT electron optics
focusing
particle beams
particle optics
DEU elektrostatische Linse

electrostatic micromotors
USE electrostatic motors

electrostatic motors
BT electrostatic devices
micromotors
SY *electrostatic micromotors*
PT electrostatic devices
micromotors
RT microactuators
ultrasonic motors
DEU Elektrostatikmotor

electrostatic precipitation
USE electrostatic precipitators
\+ precipitation (physical chemistry)

electrostatic precipitators
BT electrostatic devices
UF *electrostatic precipitation / electrostatic precipitators* + *precipitation (physical chemistry)*
UF *electrostatic separation / electrostatic precipitators* + *separation*
UF *precipitation, electrostatic / electrostatic precipitators* + *precipitation (physical chemistry)*
PT electrostatic devices
electrostatic precipitation
RT scrubbers (materials handling)
DEU Elektrofilter

electrostatic separation
USE electrostatic precipitators
\+ separation
DEU elektrostatisches Trennen

electrostatic waves (plasma)
USE plasma electrostatic waves

electrostatics
NT electric fields
electrostatic discharge
static electrification
triboelectricity
SY *static electricity*
RT atmospheric electricity
capacitance
electrets
electric charge
electric potential
electromagnetic forces
electromagnetism
electrostatic devices
Laplace equations
space charge
DEU Elektrostatik

electrostriction
BT elastic deformation
electromechanical effects
RT optical self-focusing
piezoelectric materials
piezoelectricity
self-focusing

DEU Elektrostriktion

electrostrictive polymer actuators
USE electroactive polymer actuators

electrothermal launchers
BT propulsion
SY *launchers, electrothermal*
PT electromagnetic launchers
RT ballistics
electromagnetic launchers
military equipment
projectiles
pulsed power technology
DEU elektrothermisches Geschütz

electroviscous effect
USE electrorheology

electroweak theories
BT unified gauge models
UF *CKM matrix / CP invariance + electroweak theories*
PT unified field theories
unified gauge models
RT Weinberg model
DEU elektroschwache Theorie
DSY Theorie der schwachen elektrischen Wechselwirkung
Theorie der schwachen Elektrizität

electrowinning
BT electrochemistry
metal refining
SY *electroextraction*
PT electrochemistry
metal refining
RT electrodeposition
electroforming
leaching
mineral processing industry
DEU galvanische Gewinnung

Elektret
DEU for electrets

elektrisch aktiver Polymeraktuator
DEU for electroactive polymer actuators

elektrisch betätigter Magnet
DUS für electromagnetic actuators

elektrische Admittanz
DEU for electric admittance

elektrische Anpassung
DEU for impedance matching

elektrische Anschlusseinrichtung
DEU for electric connectors

elektrische Anschlussklemme
DUS für electric connectors

elektrische Antriebseinheit
DEU for electric drives

elektrische Antriebseinrichtung
DUS für electric drives

elektrische Antriebsvorrichtung
DUS für electric drives

elektrische Apperatur
DEU for power apparatus

elektrische Auslösung
DEU for electric ignition

elektrische Betätigung
DEU for electric actuators

elektrische Betätigungsvorrichtung
DUS für electric actuators

elektrische Eigenschaft
DEU for electrical properties of substances

elektrische Eigenschaften
DEU for electric properties

elektrische Energieverteilung
DEU for power distribution

elektrische Feldintegralgleichung
DEU for electric field integral equations

elektrische Heizung
DEU for electric heating

elektrische Immittanz
DEU for electric immittance

elektrische Impedanzbilddarstellung
DEU for electric impedance imaging

elektrische Impedanzbilduntersuchung
DUS für electric impedance imaging

elektrische Instandhaltung
DEU for electrical maintenance

elektrische Isolation
DEU for electrical insulation

elektrische Kanalisation
DEU for electric conduits

elektrische Kontrollanlage
DEU for electric control equipment

elektrische Ladung
DEU for electric charge

elektrische Leitfähigkeit
DEU for electrical conductivity

elektrische Leitfähigkeit von Festkörperhalbleitern und Isolatoren
DEU for electrical conductivity of solid semiconductors and insulators

elektrische Leitfähigkeit von Festkörpern und Legierungen
DEU for electrical conductivity of solid metals and alloys

elektrische Leitungsdurchführung
DUS für electric conduits

elektrische Maschine
DEU for electric machines

elektrische Rechenmaschine
DEU for electric calculators

elektrische Rohrleitung
DUS für electric conduits

elektrische Schaltung
DEU for electric circuits

elektrische Sensortechnik
DEU for electric sensing devices

elektrische Sicherheit
DEU for electrical safety

elektrische Sicherung
DEU for electric fuses

elektrische Spannung
DEU for voltage

elektrische Spannungsverteilung
DEU for voltage distribution

elektrische Steckkupplung
DUS für electric connectors

elektrische Steckverbindung
DUS für electric connectors

elektrische Steckvorrichtung
DUS für electric connectors

elektrische Stellvorrichtung
DUS für electric actuators

elektrische Steuer- und Regeleinrichtung
DUS für electric control equipment

elektrische Steuerung
DUS für electric actuators

elektrische Stromregelung
DEU for electric current control

elektrische Verbindung
DUS für electric connectors

elektrische Zündung
DUS für electric ignition

elektrische Zündvorrichtung
DUS für electric ignition

elektrischer Aktor
DUS für electric actuators

elektrischer Aktuator
DUS für electric actuators

elektrischer Anschluss
DUS für electric connectors

elektrischer Antrieb
DUS für electric actuators
electric drives

elektrischer Auslöser
DUS für electric ignition

elektrischer Betätiger
DUS für electric actuators

elektrischer Durchbruch
DEU for electric breakdown

elektrischer Durchbruch (Bauelement)
DEU for semiconductor device breakdown

elektrischer Fehler
DEU for electrical faults

elektrischer Feldeffekt
DEU for electric field effects

elektrischer Feldgradient
DEU for electric field gradient

elektrischer Kleinmotor
DEU for fractional-horsepower motors

elektrischer Kondensator
DEU for capacitors

elektrischer Kontakt
DEU for electrical contacts

elektrischer Leiter
DEU for conductors (electric)

elektrischer Leiterverbinder
DUS für electric connectors

elektrischer Leitfähigkeitsübergang
DEU for electrical conductivity transitions

elektrischer Leitungsverbinder
DUS für electric connectors

elektrischer Motor
DEU for electric motors

elektrischer Rechenapparat
DUS für electric calculators

elektrischer Schalter
DUS für electric actuators

elektrischer Stecker
DUS für electric connectors

elektrischer Steckkontakt
DUS für electric connectors

elektrischer Steckverbinder
DUS für electric connectors

elektrischer Stellantrieb
DUS für electric actuators

elektrischer Strom
DEU for electric current

elektrischer Überschlag
DEU for flashover

elektrischer Unfall
DEU for electrical accidents

elektrischer Verbinder
DUS für electric connectors

elektrischer Weidezaun
DEU for electric fences

elektrischer Widerstandsübergang
DUS für electrical conductivity transitions

elektrischer Zaun
DUS für electric fences

elektrisches Betätigungsglied
DUS für electric actuators

elektrisches Betätigungsorgan
DUS für electric actuators

elektrisches Endsteuer- und Regelgerät
DEU for electric final control devices

elektrisches Endsteuergerät
DUS für electric final control devices

elektrisches Erzeugnis
DEU for electrical products

elektrisches Feld
DEU for electric fields

elektrisches Gerät
DUS für power apparatus

elektrisches Ladegerät
DEU for battery chargers

elektrisches Moment
DEU for electric moments

elektrisches Moment von Elementarpartikeln
DEU for elementary particle electric moment

elektrisches Moment von Elementarteilchen
DUS für elementary particle electric moment

elektrisches Netz (Energienetz)
DEU for transmission networks

elektrisches Potential
DEU for electric potential

elektrisches Potenzial
DUS für electric potential

elektrisches Produkt
DUS für electrical products

elektrisches Stellglied
DUS für electric actuators

elektrisches Verbindungselement
DUS für electric connectors

elektrisches Zünden
DUS für electric ignition

elektrisches Zündsystem
DUS für electric ignition

Elektrizität
DEU for electricity

Elektrizitätsfluktuation
DEU for current fluctuations

Elektrizitätsinduktor
DEU for power inductors

Elektrizitätswirtschaft
DEU for electricity supply industry

Elektrizitätszähler
DEU for watthour meters

elektro-akustischer Übertrager
DUS für acoustoelectric transducers

elektro-akustischer Wandler
DUS für acoustoelectric transducers

elektro-akustisches Bauelement
DUS für acoustoelectric devices

elektro-akustisches Gerät
DUS für acoustoelectric devices

elektro-optische Ablenkeinheit
DEU for electro-optical deflectors

elektro-optische Anordnung
DUS für electro-optical devices

elektro-optische Modulation
DEU for electro-optical modulation

elektro-optische Vorrichtung
DUS für electro-optical devices

elektro-optischer Ablenker
DUS für electro-optical deflectors

elektro-optischer Effekt
DEU for electro-optical effects

elektro-optischer Schalter
DEU for electro-optical switches

elektro-optisches Bauelement
DUS für electro-optical devices

elektro-optisches Einrichtung
DUS für electro-optical devices

elektro-optisches Filter
DEU for electro-optical filters

elektro-optisches Gerät
DUS für electro-optical devices

Elektroabsorption
DEU for electroabsorption

elektroakustischer Übertrager
DUS für acoustoelectric transducers

elektroakustischer Wandler
DUS für acoustoelectric transducers

elektroakustisches Bauelement
DUS für acoustoelectric devices

elektroakustisches Gerät
DUS für acoustoelectric devices

Elektroantrieb
DUS für electric drives

Elektroapparat
DUS für power apparatus

Elektrochemie
DEU for electrochemistry

elektrochemische Analyse
DEU for electrochemical analysis

elektrochemische Bearbeitung
DEU for electrochemical machining

elektrochemische Elektrode
DEU for electrochemical electrodes

elektrochemische Impedanz-Spektrokopie
DEU for electrochemical impedance spectroscopy

elektrochemische Impedanzspektrokopie
DUS für electrochemical impedance spectroscopy

elektrochemische Impedanzspektrometrie
DUS für electrochemical impedance spectroscopy

elektrochemischer Sensor
DEU for electrochemical sensors

elektrochemisches Gerät
DEU for electrochemical devices

Elektrochrom-Bauelement
DEU for electrochromic devices

Elektrochromanzeige
DEU for electrochromic displays

elektrochrome Anordnung
DUS für electrochromic devices

elektrochrome Anzeige
DUS für electrochromic devices

elektrochrome Einrichtung
DUS für electrochromic devices

elektrochrome Festkörpervorrichtung
DUS für electrochromic devices

elektrochrome Vorrichtung
DUS für electrochromic devices

elektrochromes Gerät
DUS für electrochromic devices

Elektrochromie
DEU for electrochromism

elektrochromische Anordnung
DUS für electrochromic devices

elektrochromische Einrichtung
DUS für electrochromic devices

elektrochromische Vorrichtung
DUS für electrochromic devices

elektrochromisches Element
DUS für electrochromic devices

Elektrode
DEU for electrodes

elektrodenfreie Lampe
DEU for electrodeless lamps

elektrodenlose Entladungslampe
DUS für electrodeless lamps

elektrodenlose Lampe
DUS für electrodeless lamps

Elektrodynamik
DEU for electrodynamics

Elektroenergieerzeugung
DEU for electric power generation

Elektroenergiesystem
DEU for power systems

Elektroenzephalographie
DEU for electroencephalography

elektroerosives Abtragemaschinen
DEU for electrical discharge machining

Elektroerzeugnis
DUS für electrical products

Elektrofahrzeug
DEU for electric vehicles

Elektrofeldmessung
DEU for electric field measurement

Elektrofilter
DEU for electrostatic precipitators

Elektroformgeben
DEU for electroforming

Elektrofotografie
DEU for electrophotography

Elektrogenerator
DEU for electric generators

Elektrogerät
DUS für power apparatus

Elektrogerätebau
DEU for electrical products industry

Elektrogeräteindustrie
DUS für electrical products industry

Elektrogräteindustrie
DUS für electrical products industry

Elektroheizung
DUS für electric heating

Elektrohydraulik
DEU for electrohydraulic control equipment

Elektrohydrodynamik
DEU for electrohydrodynamics

Elektroimpedanzbilderzeugung
DUS für electric impedance imaging

Elektroimpedanzbildgebung
DUS für electric impedance imaging

Elektroindustrie
DUS für electrical products industry

Elektroinstallation
DEU for electrical installation

Elektroinstallationsrohr
DUS für electric conduits

Elektrojet
DEU for electrojets

Elektrokabel
DEU for cables (electric)

Elektrokabelisolation
DEU for power cable insulation

Elektrokabelisolierung
DUS für power cable insulation

Elektrokanal
DUS für electric conduits

Elektrokardiografie
DEU for electrocardiography

Elektrokinetikeffekt
DEU for electrokinetic effects

elektrokinetischer Effekt
DUS für electrokinetic effects

Elektrokleinmotor
DEU for small electric machines

Elektrolokomotive
DEU for electric locomotives

elektrolumineszente Anordnung
DEU for electroluminescent devices

elektrolumineszente Einrichtung
DUS für electroluminescent devices

elektrolumineszente Vorrichtung
DUS für electroluminescent devices

elektrolumineszentes Bauelement
DUS für electroluminescent devices

elektrolumineszentes Gerät
DUS für electroluminescent devices

Elektrolumineszenz
DEU for electroluminescence

Elektrolumineszenz-Vorrichtung
DUS für electroluminescent devices

Elektrolumineszenzanordnung
DUS für electroluminescent devices

Elektrolumineszenzanzeige
DEU for electroluminescent displays

Elektrolumineszenzbauelement
DUS für electroluminescent devices

Elektrolumineszenzeinrichtung
DUS für electroluminescent devices

Elektrolumineszenzelement
DUS für electroluminescent devices

Elektrolumineszenzgerät
DUS für electroluminescent devices

Elektrolumineszenzvorrichtung
DUS für electroluminescent devices

elektrolumineszierende Anordnung
DUS für electroluminescent devices

elektrolumineszierende Vorrichtung
DUS für electroluminescent devices

elektrolumineszierendes Gerät
DUS für electroluminescent devices

Elektrolyse
DEU for electrolysis

Elektrolyse-Tank
DEU for electrolytic tanks

Elektrolyseanlage
DEU for electrolytic devices

Elektrolysetank
DUS für electrolytic tanks

Elektrolysevorrichtung
DUS für electrolytic devices

Elektrolysewanne
DUS für electrolytic tanks

Elektrolysezelle
DUS für electrolytic tanks

Elektrolyt
DEU for electrolytes

Elektrolytgleichrichter
DEU for electrolytic rectifiers

elektrolytische Polierung
DEU for electrolytic polishing

elektrolytische Vorrichtung
DUS für electrolytic devices

elektrolytische Zelle
DEU for cells (electric)

elektrolytischer Tank
DUS für electrolytic tanks

elektrolytischer Überzug
DEU for electroplated coatings

elektrolytisches Betriebsmittel
DUS für electrolytic devices

elektrolytisches Gerät
DUS für electrolytic devices

elektrolytisches Polieren
DUS für electrolytic polishing

Elektrolytkondensator
DEU for electrolytic capacitors

Elektrolyttank
DUS für electrolytic tanks

Elektromagnet
DEU for electromagnets

Elektromagnetaktuator
DUS für electromagnetic actuators

Elektromagnetantrieb
DUS für electromagnetic actuators

elektromagnetisch betriebener Aktuator
DUS für electromagnetic actuators

elektromagnetische Abschirmung
DEU for electromagnetic shielding

elektromagnetische Abschussvorrichtung
DEU for electromagnetic launchers

elektromagnetische Bedienungsvorrichtung
DUS für electromagnetic actuators

elektromagnetische Betätigungsanordnung
DUS für electromagnetic actuators

elektromagnetische Betätigungseinrichtung
DUS für electromagnetic actuators

elektromagnetische Betätigungsvorrichtung
DUS für electromagnetic actuators

elektromagnetische Brechung
DUS für electromagnetic wave refraction

elektromagnetische Elementarpartikel-Wechselwirkung
DEU for elementary particle electromagnetic interactions

elektromagnetische Elementarteilchen-Wechselwirkung
DUS für elementary particle electromagnetic interactions

elektromagnetische Feldtheorie
DEU for electromagnetic field theory

elektromagnetische Induktion
DEU for electromagnetic induction

elektromagnetische Kompatibilitätswirkung
DEU for EMC effect

elektromagnetische Kopplung
DEU for electromagnetic coupling

elektromagnetische Korrektur
DEU for electromagnetic corrections

elektromagnetische Kraft
DEU for electromagnetic forces

elektromagnetische Lichttheorie
DEU for electromagnetic theory of light

elektromagnetische Oberflächenwelle
DEU for surface electromagnetic waves

elektromagnetische Oszillation
DEU for electromagnetic oscillations

elektromagnetische Schwingung
DUS für electromagnetic oscillations

elektromagnetische Stelleinrichtung
DUS für electromagnetic actuators

elektromagnetische Störung
DEU for electromagnetic interference

elektromagnetische Strahlung
DEU for radio applications

elektromagnetische Streuung
DEU for electromagnetic wave scattering

elektromagnetische Übertragung
DEU for electromagnetic wave transmission

elektromagnetische Verträglichkeit
DEU for electromagnetic compatibility

elektromagnetische Welle
DEU for electromagnetic waves

elektromagnetische Wellenabsorption
DUS für electromagnetic wave absorption

elektromagnetische Wellenausbreitung
DEU for electromagnetic wave propagation

elektromagnetische Wellenbeugung
DUS für electromagnetic wave diffraction

elektromagnetische Wellenbrechung
DUS für electromagnetic wave refraction

elektromagnetische Welleninterferenz
DEU for electromagnetic wave interference

elektromagnetische Wellenreflexion
DEU for electromagnetic wave reflection

elektromagnetische Wellenstreuung
DUS für electromagnetic wave scattering

elektromagnetische Wellenübertragung
DUS für electromagnetic wave transmission

elektromagnetische Welle
DUS für radio applications

elektromagnetischer Aktivator
DUS für electromagnetic actuators

elektromagnetischer Aktor
DUS für electromagnetic actuators

elektromagnetischer Aktuator
DUS für electromagnetic actuators

elektromagnetischer Antrieb
DUS für electromagnetic actuators

elektromagnetischer Betätiger
DUS für electromagnetic actuators

elektromagnetischer Betätigungselement
DUS für electromagnetic actuators

elektromagnetischer Betätigungsorgan
DUS für electromagnetic actuators

elektromagnetischer Formfaktor
DEU for electromagnetic form factors

elektromagnetischer Impuls
DEU for electromagnetic pulse

elektromagnetischer Metawerkstoff
DEU for electromagnetic metamaterials

elektromagnetischer Schalter
DUS für electromagnetic actuators

elektromagnetischer Stellantrieb
DUS für electromagnetic actuators

elektromagnetischer Werfer
DUS für electromagnetic launchers

elektromagnetischer Zerfall
DEU for electromagnetic decays

elektromagnetischer Zusammenbruch
DEU for magnetic breakdown

elektromagnetisches Betätigungsgerät
DUS für electromagnetic actuators

elektromagnetisches Feld
DEU for electromagnetic fields

elektromagnetisches Gerät
DEU for electromagnetic devices

elektromagnetisches Geschütz
DUS für electromagnetic launchers

elektromagnetisches Metamaterial
DUS für electromagnetic metamaterials

elektromagnetisches Stellglied
DUS für electromagnetic actuators

Elektromagnetisches Transienten Programm (EMTP)
DEU for EMTP (Electromagnetic Transients Program)

elektromagnetisches Welleninterferometer
DEU for electromagnetic wave interferometers

Elektromagnetismus
DEU for electromagnetism

Elektromaschinen-CAD
DEU for electric machine CAD

elektromaschinenanalytische Computeranwendung
DUS für electric machine analysis computing

elektromaschinenanalytische Rechneranwendung
DUS für electric machine analysis computing

Elektromaschinensteuerung
DEU for electric machine control

elektromechanische Betätigung
DEU for electromechanical actuators

elektromechanische Betätigungseinrichtung
DUS für electromechanical actuators

elektromechanische Betätigungsvorrichtung
DUS für electromechanical actuators

elektromechanische Stellvorrichtung
DUS für electromechanical actuators

elektromechanische Verstelleinrichtung
DUS für electromechanical actuators

elektromechanische Wirkung
DEU for electromechanical effects

elektromechanischer Aktor
DUS für electromechanical actuators

elektromechanischer Aktuator
DUS für electromechanical actuators

elektromechanischer Antrieb
DUS für electromechanical actuators

elektromechanischer Effekt
DUS für electromechanical effects

elektromechanischer Filter
DEU for electromechanical filters

elektromechanischer Stellantrieb
DUS für electromechanical actuators

elektromechanisches Bedienelement
DUS für electromechanical actuators

elektromechanisches Bedienungselement
DUS für electromechanical actuators

elektromechanisches Betätigungsglied
DUS für electromechanical actuators

elektromechanisches Filter
DUS für electromechanical filters

elektromechanisches Stellglied
DUS für electromechanical actuators

elektromechanishce Verstelleinrichtung
DUS für electromechanical actuators

Elektrometer
DEU for electrometers

Elektromigration
DEU for electromigration

Elektromotor
DUS für electric motors

elektromotorische Kraft
DEU for electromotive force

elektromotorischer Antrieb
DEU for electric propulsion

elektromotorisches Stellelement
DUS für electric actuators

Elektromyographie
DEU for electromyography

Elektron
DEU for electrons

Elektron-Atomkern-Reaktion
DEU for electron-nucleus reactions

Elektron-Atomkern-Streuung
DEU for electron-nucleus scattering

Elektron-Deuteron-Streuung
DEU for electron-deuteron scattering

Elektron-Deuteron-Wechselwirkung
DEU for electron-deuteron interactions

Elektron-Elektron-Streuung
DEU for electron-electron scattering

Elektron-Elektron-Wechselwirkung
DEU for electron-electron interactions

Elektron-Neutron-Streuung
DEU for electron-neutron scattering

Elektron-Neutron-Wechselwirkung
DEU for electron-neutron interactions

Elektron-Nukleon-Streuung
DEU for electron-nucleon scattering

Elektron-Nukleon-Wechselwirkung
DEU for electron-nucleon interactions

Elektron-Oberflächen-Stoß
DEU for electron-surface impact

Elektron-Phonon-Wechselwirkung
DEU for electron-phonon interactions

Elektron-Positron-Einschließungs-Wechselwirkung
DEU for electron-positron inclusive interactions

Elektron-Positron-Streuung
DEU for electron-positron scattering

Elektron-Positron-Wechselwirkung
DEU for electron-positron interactions

Elektron-Proton-Streuung
DEU for electron-proton scattering

Elektron-Proton-Wechselwirkung
DEU for electron-proton interactions

Elektron-Quark-Streuung
DEU for electron-quark scattering

Elektron-Quark-Wechselwirkung
DEU for electron-quark interactions

Elektronegativität
DEU for electronegativity

Elektronen-Absorption
DEU for electron absorption

Elektronen-Spektrometer
DEU for electron spectrometers

Elektronen-Spektroskopie
DEU for electron spectroscopy

Elektronenabtrennung
DEU for electron detachment

Elektronenaffinität
DEU for electron affinity

elektronenangeregte Desorption
DEU for electron stimulated desorption

Elektronenbeschleuniger
DEU for electron accelerators

Elektronenbeugung
DEU for electron diffraction

Elektronenbeugungskristallographie
DEU for electron diffraction crystallography

Elektronenbeweglichkeit
DEU for electron mobility

Elektronenbindung
DEU for electron attachment

elektronenbombardiertes Halbleiterbauelement
DEU for electron bombarded semiconductor devices

Elektronendetektion
DEU for electron detection

Elektronendichte
DEU for electron density

Elektronendichte (Metall)
DEU for electron density (metals)

Elektronendiffraktionskristallographie
DUS für electron diffraction crystallography

Elektronendoppelresonanz
DUS für ELDOR

Elektronendoppelresonanz (ELDOR)
DUS für ELDOR

Elektroneneinfang
DEU for electron capture

Elektronenemission
DEU for electron emission

Elektronenenergieverlustspektrum
DEU for electron energy loss spectra

Elektronenentspannungszeit
DEU for electron relaxation time

Elektronenentspannungszeit (Metall)
DEU for electron relaxation time (metals)

elektronenfreier mittlerer Weg (Metall)
DEU for electron mean free path (metals)

elektronenfreier Pfad
DEU for electron mean free path

Elektronengas
DEU for electron gas

Elektronengas (QSM)
DEU for jellium

Elektronenhaftstelle
DEU for electron traps

Elektronenholographie
DEU for electron holography

Elektronenkollision
DEU for electron collisions

Elektronenkorrelation
DEU for electron correlations

Elektronenlack
DEU for electron resists

Elektronenlawine
DEU for electron avalanches

Elektronenleitung
DEU for hopping conduction

Elektronenlinse
DEU for electron lenses

Elektronenmikroskop
DEU for electron microscopes

Elektronenmikroskopie
DEU for electron microscopy

Elektronenmobilität
DUS für electron mobility

Elektronenmobilität (Metall)
DEU for electron mobility (metals)

Elektronenoptik
DEU for electron optics

Elektronenpaar
DEU for electron pairs

Elektronenpaarproduktion
DEU for electron pair production

Elektronenproduktion
DEU for electron production

Elektronenquelle
DEU for electron sources

Elektronenringbeschleuniger
DEU for electron ring accelerators

Elektronenröhre
DEU for valves (electronic)

Elektronenröhrenfertigung
DEU for electron tube manufacture

Elektronenröhrenherstellung
DUS für electron tube manufacture

Elektronenröhrenproduktion
DUS für electron tube manufacture

Elektronenröhrenprüfung
DEU for electron tube testing

Elektronenröhrentest
DUS für electron tube testing

Elektronenrückstreuung
DEU for electron backscattering

Elektronensonde
DEU for electron probes

Elektronensondenanalyse
DEU for electron probe analysis

Elektronenspektrometer
DUS für electron spectrometers
electron spectroscopy

Elektronenspektrometrie
DUS für electron spectroscopy

Elektronenspektroskopie
DUS für electron spectroscopy

Elektronenspektroskopie für chemische Analytik
DEU for ESCA

Elektronenspektroskopie für chemische Analytik (ESCA)
DUS für ESCA

Elektronenspektrum
DEU for electron spectra

Elektronenspin
DEU for electron spin

Elektronenspingitterentspannung
DEU for electron spin-lattice relaxation

Elektronenspinleitungsresonanz
DUS für CESR

Elektronenspinpolarisation
DEU for electron spin polarisation

Elektronenstoßanregung
DEU for electron impact excitation

Elektronenstoßdissoziation
DEU for electron impact dissociation

Elektronenstoßionisation
DEU for electron impact ionisation

Elektronenstrahl
DEU for electron beams

Elektronenstrahlabscheidung
DEU for electron beam deposition

Elektronenstrahlbearbeitung
DEU for electron beam machining

Elektronenstrahlen induzierte Leitfähigkeit
DUS für EBIC

Elektronenstrahlen induzierte Leitfähigkeit (EBIC)
DUS für EBIC

Elektronenstrahlenanwendung
DEU for electron beam applications

Elektronenstrahlenfokussierung
DEU for electron beam focusing

Elektronenstrahlenpumpen
DEU for electron beam pumping

Elektronenstrahlenwirkung
DEU for electron beam effects

Elektronenstrahlerzeuger
DEU for electron guns

Elektronenstrahlglühen
DEU for electron beam annealing

Elektronenstrahllithographie
DEU for electron beam lithography

Elektronenstrahlmikrosonde
DUS für electron probes

Elektronenstrahlprüfung
DEU for electron beam testing

Elektronenstrahlröhre
DEU for electron tubes

Elektronenstrahlröhrenkomponente
DEU for electron tube components

Elektronenstrahlröhrenteil
DUS für electron tube components

Elektronenstrahlschweißen
DEU for electron beam welding

Elektronenstrahlung
DEU for electron radiation

Elektronenstrahlwirkung
DUS für electron beam effects

Elektronentheorie
DEU for electron theory

Elektronentransporttheorie
DEU for electron transport theory

Elektronenvervielfacher
DEU for electron multipliers

Elektronenvervielfacherdetektor
DEU for electron multiplier detectors

Elektronenwellenleiter
DEU for electron waveguides

Elektronenwellenröhre
DEU for electron wave tubes

Elektronenzusammenstoß
DUS für electron collisions

Elektronikausbildung
DEU for electronic engineering education

Elektronikausrüstungsprüfung
DEU for electronic equipment testing

Elektronikausrüstungstest
DUS für electronic equipment testing

Elektronikbauelementewirtschaft
DUS für integrated circuit economics

Elektronikcomputeranwendung
DUS für electronic engineering computing

Elektronikentwurfsautomatisierung
DEU for electronic design automation

Elektronikgerätebau
DEU for electron device manufacture

Elektronikgeräteprüfung
DUS für electron device testing

Elektronikgerätetest
DUS für electron device testing

Elektronikindustrie
DEU for electronics industry

Elektronikingenieurwesen
DEU for electronic engineering

Elektronikrechneranwendung
DUS für electronic engineering computing

Elektronikverpackung
DEU for electronics packaging

Elektronikwirtschaft
DUS für integrated circuit economics

elektronische Befunddokumentation
DEU for electronic health records

elektronische Dichte des Zustands
DEU for electronic density of states

elektronische Gegenmaßnahme
DEU for electronic countermeasures

elektronische Geruchserkennung
DEU for electronic noses

elektronische Geschäftsführung
DEU for electronic commerce

elektronische Kriegsführung
DEU for electronic warfare

elektronische Leitung in Halbleiterdünnschichten
DEU for electronic conduction in semiconductor thin films

elektronische Musik
DEU for electronic music

elektronische Nachricht
DEU for electronic messaging

elektronische Nachrichtenzusammenstellung
DEU for electronic news gathering

elektronische Nase
DUS für electronic noses

elektronische Platzreservierung
DUS für reservation computer systems

elektronische Post
DEU for electronic mail

elektronische Rechenmaschine
DEU for electronic calculators

elektronische Struktur
DEU for electronic structure

elektronische Vermittlung
DEU for electronic switching systems

elektronischer Datenaustausch
DUS für electronic data interchange

elektronischer Geruchssinn
DUS für electronic noses

elektronischer Gesundheitsdatensatz
DUS für electronic health records

elektronischer Handel
DUS für electronic commerce

elektronischer Handel
DEU for electronic trading

elektronischer Messfühler
DEU for electronic tongues

elektronischer Rechenapparat
DUS für electronic calculators

elektronischer Rechner
DUS für electronic calculators

elektronischer Satz
DEU for electronical typesetting

elektronisches Erzeugnis
DEU for electronic products

elektronisches Geld
DEU for electronic money

elektronisches Papier
DEU for electronic paper

elektronisches Produkt
DUS für electronic products

elektronisches Publizieren
DEU for electronic publishing

elektronisches Veröffentlichen
DUS für electronic publishing

Elektroofen
DEU for electric furnaces

Elektrookulografie
DEU for electro-oculography

Elektrooptik
DEU for electrooptics

elektrooptische Anordnung
DUS für electro-optical devices

elektrooptische Modulation
DUS für electro-optical modulation

elektrooptische Vorrichtung
DUS für electro-optical devices

elektrooptischer Effekt
DUS für electro-optical effects

elektrooptischer Kerr-Effekt
DEU for Kerr electro-optical effect

elektrooptischer Schalter
DUS für electro-optical switches

elektrooptisches Bauelement
DUS für electro-optical devices

elektrooptisches Filter
DUS für electro-optical filters

elektrooptisches Gerät
DUS für electro-optical devices

Elektrophorese
DEU for electrophoresis

elektrophoretische Anzeige
DEU for electrophoretic displays

elektrophoretische Beschichtung
DEU for electrophoretic coatings

elektrophoretische Beschichtungstechnik
DEU for electrophoretic coating techniques

elektrophoretischer Überzug
DUS für electrophoretic coatings

elektrophoretisches Anzeigegerät
DUS für electrophoretic displays

elektrophoretisches Display
DUS für electrophoretic displays

Elektrophotographie
DUS für electrophotography

Elektroplatieren
DEU for electroplating

elektropneumatisches Bauelement
DEU for electropneumatic control equipment

Elektropolieren
DUS für electrolytic polishing

Elektroprodukt
DUS für electrical products

Elektroreflexion
DEU for electroreflectance

Elektroretinografie
DEU for electroretinography

Elektroretinographie
DUS für electroretinography

Elektrorheologie
DEU for electrorheology

Elektroschock
DEU for electric shocks

elektroschwache Theorie
DEU for electroweak theories

Elektroschweißen
DEU for electric welding

Elektrosicherheit
DUS für electrical safety

Elektrospaltung
DEU for electrofission

Elektrostatik
DEU for electrostatics

Elektrostatikmotor
DEU for electrostatic motors

elektrostatische Aufladung
DEU for static electrification

elektrostatische Entladung
DEU for electrostatic discharge

elektrostatische Linse
DEU for electrostatic lenses

elektrostatische Plasmawelle
DEU for plasma electrostatic waves

elektrostatischer Aktor
DEU for electrostatic actuators

elektrostatischer Aktuator
DUS für electrostatic actuators

elektrostatischer Antrieb
DUS für electrostatic actuators

elektrostatischer Auslöser
DUS für electrostatic actuators

elektrostatischer Beschleuniger
DEU for electrostatic accelerators

elektrostatischer Betätiger
DUS für electrostatic actuators

elektrostatischer Generator
DEU for electrostatic generators

elektrostatisches Gerät
DEU for electrostatic devices

elektrostatisches Spinnen
DEU for electrospinning

elektrostatisches Stellglied
DUS für electrostatic actuators

elektrostatisches Trennen
DEU for electrostatic separation

Elektrostriktion
DEU for electrostriction

Elektroströmung
DUS für electrojets

Elektrotechnik
DEU for electrical engineering

elektrotechnische Ausbildung
DEU for electrical engineering education

elektrotechnische Bildung
DUS für electrical engineering education

elektrotechnische Computeranwendung
DUS für electrical engineering computing

elektrotechnische Lehre
DUS für electrical engineering education

elektrotechnische Rechneranwendung
DUS für electrical engineering computing

elektrothermisches Geschütz
DEU for electrothermal launchers

Elektrounfall
DUS für electrical accidents

Elektroverbinder
DUS für electric connectors

Elektrozähler
DUS für watthour meters

Elektrozaun
DUS für electric fences

element 104
USE rutherfordium

element 105
USE dubnium

element 106
USE seaborgium

element 107
USE bohrium

element 108
USE hassium

element 109
USE meitnerium

element 110
USE darmstadtium

element 111
USE roentgenium

element 112
USE copernicium

element 113
USE ununtrium

element 114
USE flerovium

element 115
USE ununpentium

element 116
USE livermorium

element 117
USE ununseptium

element 118
USE ununoctium

element origin
USE nucleosynthesis

element relative abundance
UF *abundance ratio / element relative abundance + isotope relative abundance*
RT chemical analysis
elements (chemical)
geophysics
isotope relative abundance
DEU relative Elementhäufigkeit

elemental semiconductors
BT semiconductor materials
RT microfabrication
DEU Elementhalbleiter

Elementarpartikel
DEU for elementary particles

Elementarpartikel-Inklusive-Reaktion
DEU for elementary particle inclusive reactions

Elementarpartikel-magnetisches Moment
DEU for elementary particle magnetic moment

Elementarpartikelelektromoment
DUS für elementary particle electric moment

Elementarpartikelkoppelkonstante
DEU for elementary particle coupling constants

Elementarpartikelmasse
DEU for elementary particle mass

Elementarpartikelpaarigkeit
DEU for elementary particle parity

Elementarpartikelparität
DUS für elementary particle parity

Elementarpartikelpotentialmodell
DEU for elementary particle potential models

Elementarpartikelpotenzialmodell
DUS für elementary particle potential models

Elementarpartikelspin
DEU for elementary particle spin

Elementarpartikelstreuung
DEU for elementary particle scattering

Elementarpartikelströmung
DEU for elementary particle jets

Elementarpartikelstrom
DUS für elementary particle jets

Elementarpartikelsymmetrie
DEU for elementary particle symmetry

Elementarpartikeltheorie
DEU for elementary particle theory

Elementarpartikelwechselwirkung
DEU for elementary particle interactions

Elementarpartikelwechselwirkungsmodell
DEU for elementary particle interaction models

Elementarpartikelzerfall
DEU for elementary particle decay

Elementarteilchen
DUS für elementary particles

Elementarteilchen-Inklusive-Reaktion
DUS für elementary particle inclusive reactions

Elementarteilchen-magnetisches Moment
DUS für elementary particle magnetic moment

Elementarteilchenelektromoment
DUS für elementary particle electric moment

Elementarteilchenkoppelkonstante
DUS für elementary particle coupling constants

Elementarteilchenmasse
DUS für elementary particle mass

Elementarteilchenpaarigkeit
DUS für elementary particle parity

Elementarteilchenparität
DUS für elementary particle parity

Elementarteilchenpotentialmodell
DUS für elementary particle potential models

Elementarteilchenpotenzialmodell
DUS für elementary particle potential models

Elementarteilchenspin
DUS für elementary particle spin

Elementarteilchenstreuung
DUS für elementary particle scattering

Elementarteilchenströmung
DUS für elementary particle jets

Elementarteilchenstrom
DUS für elementary particle jets

Elementarteilchensymmetrie
DUS für elementary particle symmetry

Elementarteilchentheorie
DUS für elementary particle theory

Elementarteilchenwechselwirkung
DUS für elementary particle interactions

Elementarteilchenwechselwirkungsmodell
DUS für elementary particle interaction models

Elementarteilchenzerfall
DUS für elementary particle decay

elementary particle coupling constants
BT elementary particle decay
elementary particle interactions
quantum field theory

PT elementary particle decay
elementary particle interactions
quantum field theory of interactions
RT Bethe-Salpeter equation
Dirac form factors
electromagnetic form factors
elementary particle theory
form factors (elementary particles)
Pauli form factors
DEU Elementarpartikelkoppelkonstante
DSY Elementarteilchenkoppelkonstante

elementary particle decay
NT electromagnetic decays
elementary particle coupling constants
hadron decay
intermediate boson decay
lepton decay
leptonic decays
nonleptonic decays
quark decay
semileptonic decays
weak particle decay
SY *particle decay*
DEU Elementarpartikelzerfall
DSY Elementarteilchenzerfall

elementary particle electric moment
BT electric moments
NT baryon electric moment
lepton electric moment
meson electric moment
PT electric moments
DEU elektrisches Moment von Elementarpartikeln
DSY elektrisches Moment von Elementarteilchen
Elementarpartikelelektromoment
Elementarteilchenelektromoment

elementary particle electromagnetic interactions
BT elementary particle interactions
PT elementary particle interactions
RT grand unified theory
standard model
Weinberg model
DEU elektromagnetische Elementarpartikel-Wechselwirkung
DSY elektromagnetische Elementarteilchen-Wechselwirkung

elementary particle gravitational interactions
BT elementary particle interactions
PT elementary particle interactions
RT quantum gravity
supergravity
DEU Wechselwirkung Elementarpartkel-Gravitation
DSY Wechselwirkung Elementarteilchen-Gravitation

elementary particle inclusive interactions
BT elementary particle interactions
NT electron-positron inclusive interactions
elementary particle jets
pion-proton inclusive interactions
proton-proton inclusive interactions
semi-inclusive interactions
SY *inclusive reactions, elementary particle*
PT elementary particle inclusive reactions
RT high-energy elementary particle interactions
DEU inklusive Wechselwirkung von Elementarpartikeln
DSY inklusive Wechselwirkung von Elementarteilchen

elementary particle inclusive reactions
DEU Elementarpartikel-Inklusive-Reaktion
DSY Elementarteilchen-Inklusive-Reaktion

elementary particle interaction models
BT elementary particle interactions
elementary particle theory
NT composite particle models
diffraction model
dual models
elementary particle potential models
hard collision models
peripheral models
statistical models (elementary particles)
vector meson dominance model
PT elementary particle interactions
elementary particle theory
RT bootstrapping
Feynman diagrams
tensor dominance model
unified gauge models
Weinberg model
DEU Elementarpartikelwechselwirkungsm

odell
DSY Elementarteilchenwechselwirkungs modell

elementary particle interactions
NT electron-quark interactions
elementary particle coupling constants
elementary particle electromagnetic interactions
elementary particle gravitational interactions
elementary particle inclusive interactions
elementary particle interaction models
elementary particle strong interactions
elementary particle weak interactions
gluon-gluon interactions
hadron-deuteron interactions
hadron-hadron interactions
high-energy cosmic ray interactions
high-energy elementary particle interactions
intermediate boson interactions
lepton-deuteron interactions
lepton-hadron interactions
lepton-lepton interactions
photon-deuteron interactions
photon-hadron interactions
photon-lepton interactions
photon-photon interactions
polarisation in elementary particle interactions
quark-antiquark interactions
quark-gluon interactions
quark-hadron interactions
quark-quark interactions
SY *elementary particle large momentum transfer interactions*
RT collision processes
cosmic ray interactions
elementary particle scattering
elementary particles
unified field theories
vertex functions
DEU Elementarpartikelwechselwirkung
DSY Elementarteilchenwechselwirkung

elementary particle jets
BT elementary particle inclusive interactions
RT electron-positron inclusive interactions
hadron production
pion-proton inclusive interactions
proton-proton inclusive interactions
semi-inclusive interactions
DEU Elementarpartikelströmung
DSY Elementarpartikelstrom
Elementarteilchenströmung
Elementarteilchenstrom

elementary particle large momentum transfer interactions
USE elementary particle interactions

elementary particle magnetic moment
BT magnetic moments
NT baryon magnetic moment
lepton magnetic moment
meson magnetic moment
PT magnetic moments
DEU Elementarpartikel-magnetisches Moment
DSY Elementarteilchen-magnetisches Moment
magnetisches Moment von Elementarpartikeln
magnetisches Moment von Elementarteilchen

elementary particle mass
BT mass
NT hadron mass
intermediate boson mass
lepton mass
mass differences
mass formulae
quark mass
PT elementary particles
mass
RT elementary particles
DEU Elementarpartikelmasse
DSY Elementarteilchenmasse

elementary particle parity
BT parity
NT hadron parity
lepton parity
PT elementary particle spin and parity
RT elementary particle spin
DEU Elementarpartikelpaarigkeit
DSY Elementarpartikelparität
Elementarteilchenpaarigkeit
Elementarteilchenparität

elementary particle potential models
BT elementary particle interaction models
SY *potential models (elementary particles)*
PT elementary particle interaction

models
DEU Elementarpartikelpotentialmodell
DSY Elementarpartikelpotenzialmodell
Elementarteilchenpotentialmodell
Elementarteilchenpotenzialmodell

elementary particle scattering
NT electron-quark scattering
gluon-gluon scattering
hadron-deuteron scattering
hadron-hadron scattering
lepton-deuteron scattering
lepton-hadron scattering
lepton-lepton scattering
Mandelstam representation
photon-deuteron scattering
photon-hadron scattering
photon-lepton scattering
photon-photon scattering
polarisation in elementary particle scattering
quark-antiquark scattering
quark-gluon scattering
quark-hadron scattering
quark-quark scattering
RT elementary particle interactions
elementary particles
relativistic scattering theory
S-matrix theory
scattering
DEU Elementarpartikelstreuung
DSY Elementarteilchenstreuung

elementary particle spin
BT spin
NT hadron spin
lepton spin
PT elementary particle spin and parity
RT elementary particle parity
isotopic spin (elementary particles)
DEU Elementarpartikelspin
DSY Elementarteilchenspin

elementary particle strong interactions
BT elementary particle interactions
NT dual models
hadron classification schemes
peripheral models
SY *strong interactions, elementary particle*
PT elementary particle interactions
RT complex angular momentum plane
grand unified theory
DEU starke Wechselwirkung von Elementarpartikeln
DSY starke Wechselwirkung von Elementarteilchen

elementary particle symmetry
BT elementary particle theory symmetry
NT chiral symmetries
conformal symmetry
discrete symmetries
dynamical symmetry
nonlinear symmetries
spontaneous symmetry breaking
supersymmetry
unitary symmetry
RT axial symmetry
conservation laws
helicity (elementary particles)
isotopic spin (elementary particles)
Lie groups
SU(2) theory
SU(3) theory
SU(4) theory
SU(5) theory
SU(6) theory
SU(7) theory
SU(8) theory
SU(N) theory
DEU Elementarpartikelsymmetrie
DSY Elementarteilchensymmetrie

elementary particle theory
NT Bethe-Salpeter equation
complex angular momentum plane
current algebra
electron theory
elementary particle interaction models
elementary particle symmetry
Feynman diagrams
form factors (elementary particles)
group theoretical schemes
helicity (elementary particles)
Lee model
mass formulae
nova model
structure functions
sum rules
tensor dominance model
SY *particle models*
spirality
RT Clebsch-Gordan coefficients
composite particle models
conservation laws
dispersion relations
elementary particle coupling constants
elementary particles
Green's function methods
group theory
isotopic spin (elementary

particles)
light cones
mass differences
O groups
O(2) groups
quantum field theory
scaling phenomena
SO groups
vertex functions
DEU Elementarpartikeltheorie
DSY Elementarteilchentheorie
Theorie der Elementarpartikel
Theorie der Elementarteilchen

elementary particle weak interactions
BT elementary particle interactions
NT charged currents
intermediate bosons
neutral currents
SY *schizons*
weak interactions, elementary particle
RT grand unified theory
standard model
Weinberg model
DEU schwache Elementarpartikelwechse lwirkung
DSY schwache Elementarteilchenwechs elwirkung

elementary particles
NT beauty particles
bosons
charm particles
fermions
hadrons
hypothetical particles
strange particles
SY *fundamental particles*
particles, elementary
spurions
RT cosmic rays
elementary particle interactions
elementary particle mass
elementary particle scattering
elementary particle theory
energy loss of particles
mass differences
particle accelerators
particle tracks
physics fundamentals
quantum field theory
quantum theory
DEU Elementarpartikel
DSY Elementarteilchen

Elementhalbleiter
DEU for elemental semiconductors

elements (chemical)
NT metals
non-metals
semimetals
SY *chemical elements*
RT atoms
element relative abundance
periodic system of elements
DEU chemisches Element

elevators
USE lifts

ELF radio propagation
USE radiowave propagation

Eliashberg strong-coupling model
USE strong-coupling superconductors

Elinvar (alloy)
BT chromium alloys
iron alloys
manganese alloys
nickel alloys
silicon alloys
tungsten alloys
PT chromium alloys
iron alloys
manganese alloys
nickel alloys
silicon alloys
tungsten alloys
DEU Elinvar (Legierung)

Elinvar (Legierung)
DEU for Elinvar (alloy)

Ellipsenfilter
DEU for elliptic filters

Ellipsengleichung
DEU for elliptic equations

ellipsoidal variables
USE binary stars
\+ variable stars

Ellipsometer
DEU for ellipsometers

ellipsometers
BT optical instruments
SY *optical ellipsometers*
PT ellipsometry
polarimeters

RT ellipsometry
polarimeters
DEU Ellipsometer
DSY Ovalmesser

Ellipsometrie
DEU for ellipsometry

ellipsometry
BT optical variables measurement
SY *optical ellipsometry*
PT optical variables measurement
RT ellipsometers
polarimetry
DEU Ellipsometrie

elliptic curve cryptography
USE public key cryptography

elliptic equations
BT equations
PT differential equations
RT differential equations
DEU Ellipsengleichung
DSY elliptische Gleichung

elliptic filters
BT equiripple filters
RT active filters
band-pass filters
Butterworth filters
Chebyshev filters
digital filters
low-pass filters
DEU Ellipsenfilter
DSY elliptischer Filter

elliptical galaxies
USE galaxies

elliptical polarisation
USE polarisation

elliptische Gleichung
DUS für elliptic equations

elliptischer Filter
DUS für elliptic filters

ELMO Bumpy Torus
USE magnetic traps

ELNES
USE electron energy loss spectra

elongation
BT mechanical properties
PT deformation
thermal expansion
RT deformation
thermal expansion
DEU Auslenkung
DSY Dehnung

ELV Directive
USE environmental legislation

ELVES
USE sprites

EM surface waves
USE surface electromagnetic waves

EM traps
USE particle traps

EM waves
USE electromagnetic waves

Email
DEU for enamels

Emailierung
DUS für enamels

Emailüberzug
DUS für enamels

embankments
USE geotechnical structures

embedded power generation
USE distributed power generation

embedded sensors
USE intelligent sensors

embedded systems
BT real-time systems
PT real-time systems
RT Internet of Things
DEU eingebettetes System

embossing
BT manufacturing processes
RT injection moulding
micromachining
optical fabrication
replica techniques
sheet metal processing
DEU Hohlprägen

embrittlement
NT hydrogen embrittlement
liquid metal embrittlement
UF *radiation embrittlement / embrittlement + radiation hardening*
PT brittleness
RT brittleness
ductile-brittle transition
fracture
DEU Versprödung

EMC (electromagnetic compatibility)
USE electromagnetic compatibility

EMC effect
BT nuclear structure
structure functions
SY *European Muon Collaboration effect*
PT form factors (nuclear)
structure functions
RT Dirac form factors
electromagnetic form factors
form factors (elementary particles)
form factors (nuclear)
lepton-nucleon interactions
lepton-nucleus reactions
nuclear size
nucleons
Pauli form factors
scaling phenomena
DEU elektromagnetische Kompatibilitätswirkung
DSY EMC-Effekt
EMC-Wirkung

EMC-Effekt
DUS für EMC effect

EMC-Wirkung
DUS für EMC effect

emergency lighting
BT lighting
PT lighting
RT emergency power supply
safety systems
DEU Notbeleuchtung

emergency management
BT management
SY *crisis management*
disaster management
search and rescue
PT disasters
public administration
RT accidents
back-up procedures
business continuity
critical infrastructures
decision support systems
disasters
earthquakes
emergency services
explosions
fires
floods
geographic information systems
planning
pollution
public administration
rescue robots
safety
security of data
storms
system recovery
terrorism
tsunami
wildfires
DEU Gefahrenmanagement
DSY Katastrophenmanagement
Notfallmanagement
Notlagenmanagement
Notstandsmanagement

emergency power generators
USE standby generators

emergency power supply
NT uninterruptible power supplies
SY *power supply, emergency*
standby power supply
PT power supplies to apparatus
power systems
RT emergency lighting
standby generators
DEU Notstromanlage
DSY Notstromversorgung

emergency services
BT public administration
RT accidents
critical infrastructures
disasters
electric shocks
emergency management
fires
health care
national security
police
rescue robots
DEU Einsatzdienst
DSY Notdienst
Notfalldienst
Notrufdienst

Notservice
Sicherheitsdienst

emergent phenomena
BT system theory
PT system theory
RT artificial intelligence
DEU gefährliches Phänomen

EMF (electric potential)
USE electric potential

EMG (electromyography)
USE electromyography

EMI (electromagnetic interference)
USE electromagnetic interference

emission
NT acoustic emission
electron emission
field emission
ion emission
light emitting devices
luminescence
secondary emission
spontaneous emission
stimulated emission
superradiance
thermionic emission
DEU Emission (Elektrotechnik)
DSY Emission (Umwelt)

Emission (Elektrotechnik)
DEU for emission

Emission (Umwelt)
DUS für emission

emission nebulae
USE nebulae

emission spectra
USE luminescence

emission tomography
BT computerised tomography
radioisotope imaging
NT positron emission tomography
single photon emission computed tomography
PT computerised tomography
radioisotope scanning and imaging
DEU Emissionstomographie

Emissionsspektrometrie
DUS für atomic emission spectroscopy

Emissionstomographie
DEU for emission tomography

Emissionsvermögen
DEU for emissivity

emissivity
BT heat radiation
thermodynamic properties
RT blackbody radiation
brightness
optical properties
DEU Emissionsvermögen

emitter followers
USE amplifiers

emitter-coupled logic
BT current-mode logic
SY *ECL*
PT current-mode logic
RT BiCMOS digital integrated circuits
BiCMOS logic circuits
bipolar digital integrated circuits
bipolar logic circuits
switching circuits
DEU emittergekoppelte Logik

emittergekoppelte Logik
DEU for emitter-coupled logic

emotion recognition
BT gesture recognition
PT face recognition
gesture recognition
speech recognition
RT face recognition
image recognition
iris recognition
psychology
speech recognition
DEU Emotionenerkennung

emotion simulation
USE artificial intelligence

Emotionenerkennung
DEU for emotion recognition

EMP (electromagnetic pulse)
USE electromagnetic pulse

Empfänger (Gerät)
DEU for receivers

Empfänger im Submillimeterbereich
DEU for submillimetre wave receivers

Empfangsantenne
DEU for receiving antennas

Empfehler (technisch)
DEU for recommender systems

Empfehlersystem
DUS für recommender systems

Empfehlungseinrichtung
DUS für recommender systems

Empfehlungssystem
DUS für recommender systems

Empfehlungsvorrichtung
DUS für recommender systems

Empfindlichkeit (Statistik)
DEU for sensitivity

Empfindlichkeit (Technik)
DUS für sensitivity

Empfindlichkeitsanalyse
DEU for sensitivity analysis

employee welfare
BT human resource management
SY *conditions of employment*
counselling
maternity benefits
mentoring
sick pay
working conditions
PT human resource management
RT incentive schemes
industrial psychology
occupational health
occupational safety
occupational stress
pensions
remuneration
DEU Arbeitnehmerwohl
DSY Beschäftigtenwohl

employees
USE personnel

employees safety
BT employment
safety
DEU Betriebssicherheit

employment
NT employees safety
termination of employment
unemployment
RT employment law
labour resources
personnel
recruitment
salaries
DEU Anstellung
DSY Arbeitskräfteeinsatz
Arbeitsplatz
Beschäftigung
Dienstverhältnis
Einsatz von Arbeitskräften

employment law
BT law
RT age issues
contract law
employment
DEU Arbeitsrecht

EMS (energy management systems)
USE energy management systems

EMTP (Electromagnetic Transients Program)
BT power engineering computing
SY *Electromagnetic Transients Program*
PT power engineering computing
power system analysis computing
RT power system analysis computing
power system control
power system harmonics
power system stability
power system transients
DEU Elektromagnetisches Transienten Programm (EMTP)
DSY EMTP (Elektromagnetisches Transienten Programm)

EMTP (Elektromagnetisches Transienten Programm)
DUS für EMTP (Electromagnetic Transients Program)

Emulsion
DEU for emulsions

emulsions
BT disperse systems
NT microemulsions
nuclear track emulsions
photographic emulsions
RT Brownian motion
DEU Emulsion

emulsions (nuclear track)
USE nuclear track emulsions

enamels
BT materials
PT decorative coatings
glass
protective coatings
RT biomedical materials
ceramics
decorative coatings
glass
glazes
paints
pigments
porcelain
protective coatings
DEU Email
DSY Emailierung
Emailüberzug

enantiomers
USE isomerism

encapsulation
RT coating techniques
electrodeposition
moulding
packaging
plastic packaging
semiconductor technology
silicones
wafer level packaging
DEU Verkapseln

encapsulation of data
USE data encapsulation

enclosures
USE packaging

encoding (general)
BT information theory
NT audio coding
channel coding
codes
coding errors
image coding
linear predictive coding
modulation coding
network coding
phase coding
precoding
source coding
speech coding
transcoding
transform coding
vector quantisation
SY *coding*
UF *coding/decoding / decoding* + *encoding (general)*
UF *incremental encoders / analogue-digital conversion* + *angular measurement* + *encoding (general)*
SY *signal coding*
RT codecs
decoding
discrete cosine transforms
Hadamard matrices
Karhunen-Loeve transforms
memoryless systems
molecular communication (telecommunication)
pulse code modulation
quadrature mirror filters
random processes
signal processing
time-frequency analysis
vocoders
wavelet transforms
DEU Codierung (allgemein)

encryption
USE cryptography
DEU Verschlüsselung (allgemein)

encyclopaedias
PT glossaries
RT dictionaries
glossaries
literature
publishing
thesauri
DEU Enzyklopädie

end effectors
BT manipulators
PT industrial manipulators
manipulators
RT grippers
industrial manipulators
DEU Endfertiger

End of Life Vehicles Directive
USE environmental legislation

end-fire antennas
USE antenna arrays

end-user computing
USE personal computing

Endfertiger
DEU for end effectors

Endfertigungsmaschine
DEU for finishing machines

Endliche-Temperatur-Feldtheorie
DEU for finite temperature field theory

endlicher Automat
DEU for finite automata

ENDOR (electron nuclear double resonance)
BT magnetic double resonance
SY *double resonance, electron nuclear*
electron nuclear double resonance
UF *optical detection of ENDOR / ENDOR (electron nuclear double resonance) + optical double resonance*
PT nuclear magnetic resonance
paramagnetic resonance
DEU ENDOR (Nukleare Elektronendoppelresonanz)
DSY nukleare Elektronendoppelresonanz
nukleare Elektronendoppelresonanz (ENDOR)

ENDOR (Nukleare Elektronendoppelresonanz)
DEU for ENDOR (electron nuclear double resonance)

endoscopes
BT biomedical equipment
instruments
SY *endoscopy*
PT biomedical equipment
RT biomedical optical imaging
fibre optic sensors
image sensors
laser applications in medicine
surgery
DEU Endoskop
DSY Endoskopie

endoscopy
USE endoscopes

Endoskop
DEU for endoscopes

Endoskopie
DUS für endoscopes

Endprodukt
DEU for manufactured products

Endvolumenmethode
DEU for finite volume methods

Endzustandsmaschine (FSM))
DEU for finite state machines

energetic materials
USE explosives

Energetikausbildung
DEU for power engineering education

energetische Bandlücke
DUS für energy gap

energetischer Zustand
DEU for energy states

Energiebandlücke
DUS für energy gap

Energiedirektumwandlung
DUS für direct energy conversion

Energieeinsparung
DEU for energy conservation

Energieerzeugungsdispatcher
DEU for power generation dispatch

Energieerzeugungsfehler
DEU for power generation faults

Energieerzeugungskontrolle
DEU for power generation control

Energieerzeugungsökonomie
DEU for power generation economics

Energieerzeugungsplanung
DEU for power generation planning

Energieerzeugungsregelung
DUS für power generation control

Energieerzeugungsschutz
DEU for power generation protection

Energieerzeugungssteuerung
DUS für power generation control

Energieerzeugungswirtschaft
DUS für power generation economics

Energieerzeugungswirtschaftlichkeit
DUS für power generation economics

Energieerzeugungszeitplanung
DEU for power generation scheduling

Energieerzeugungszuverlässigkeit
DEU for power generation reliability

Energiefilter
DEU for power filters

Energiekabelprüfung
DEU for power cable testing

Energielücke
DUS für energy gap

Energiemanagementsystem
DEU for energy management systems

Energiemarkt
DEU for power markets

Energiemessung
DEU for energy measurement

Energienebenbeigewinnung
DEU for energy harvesting

Energienetz
DEU for power grids

Energienetzcomputeranwendung
DEU for grid computing

Energienetzerneuerung
DEU for power system restoration

Energienetzoberschwingung
DEU for power system harmonics

Energienetzplanung
DEU for power system planning

Energienetzrechneranwendung
DUS für grid computing

Energienetzregelung
DEU for power transmission control

Energienetzschutz
DEU for power system protection

Energienetzsicherheit
DEU for power system security

Energienetzsimulation
DEU for power system simulation

Energienetzstabilität
DEU for power system stability

Energienetzsteuerung
DUS für power transmission control

Energienetztransiente
DEU for power system transients

Energienetzzuverlässigkeit
DEU for power system reliability

Energieniveauübergang
DEU for energy level crossing

Energieniveauüberkreuzung
DUS für energy level crossing

Energieniveauwechsel
DUS für energy level crossing

Energienutzung
DEU for power utilisation

Energiequelle
DEU for energy resources

Energiereserve
DUS für energy resources

Energieresource
DUS für energy resources

energies, molecular dissociation
USE dissociation energies

Energiesicherheit
DEU for energy security

Energiesparelektronik
DEU for low-power electronics

energiesparende Computeranwendung
DEU for power aware computing

energiesparende Rechneranwendung
DUS für power aware computing

Energiespeichereinheit
DEU for energy storage devices

Energiespeichereinrichtung
DUS für energy storage devices

Energiespeichergerät
DUS für energy storage devices

Energiespeicherung
DEU for energy storage

Energiespeichervorrichtung
DUS für energy storage devices

Energiestatus
DUS für energy states

Energiesystem-CAD
DEU for power system CAD

Energiesystemfehler
DEU for power system faults

Energiesystemidentifikation
DEU for power system identification

Energiesystemkontrolle
DEU for power system control

Energiesystemmanagement
DEU for power system management

Energiesystemmessung
DEU for power system measurement

Energiesystemökonomie
DEU for power system economics

Energiesystemregelung
DUS für power system control

Energiesystemsicherheit
DUS für power system security

Energiesystemstabilität
DEU for power system transient stability

Energiesystemsteuerung
DUS für power system control

Energiesystemtransientenstabilität
DUS für power system transient stability

Energiesystemzustandserkennung
DEU for power system state estimation

Energietechnik
DEU for power engineering

Energietechnikausbildung
DUS für power engineering education

energietechnische Ausbildung
DUS für power engineering education

energietechnische Bildung
DUS für power engineering education

Energieübertragung
DEU for power transmission

Energieübertragungsfehler
DEU for power transmission faults

Energieübertragungsleitung
DEU for power transmission lines

Energieübertragungsplanung
DEU for power transmission planning

Energieübertragungsregelung
DUS für power transmission control

Energieübertragungsschutz
DEU for power transmission protection

Energieübertragungssteuerung
DUS für power transmission control

Energieübertragungswirtschaft
DEU for power transmission economics

Energieübertragungszuverlässigkeit
DEU for power transmission reliability

Energieverbinder
DEU for power combiners

Energieverbrauch
DEU for energy consumption

Energieverteilungsfehler
DEU for power distribution faults

Energieverteilungskontrolle
DEU for power distribution control

Energieverteilungsnetz
DEU for power distribution lines

Energieverteilungsökonomie
DEU for power distribution economics

Energieverteilungsplanung
DEU for power distribution planning

Energieverteilungsregelung
DUS für power distribution control

Energieverteilungsschutz
DEU for power distribution protection

Energieverteilungssteuerung
DUS für power distribution control

Energieverteilungswirtschaft
DUS für power distribution economics

Energieverteilungszuverlässigkeit
DEU for power distribution reliability

Energieverwendung
DUS für power utilisation

Energievorrat
DUS für energy resources

Energiewandler
DEU for transducers

Energiewirtschaft
DUS für power system economics

energiewirtschaftliche Deregulierung
DUS für electricity supply industry deregulation

Energiezustand
DUS für energy states

Energiezuverlässigkeit
DUS für energy security
power generation reliability

energy bands
USE band structure

energy conservation
BT energy resources
NT heat recovery
SY *energy efficiency*
RT building simulation
energy consumption
energy management systems
exergy
fuel economy
power consumption
power utilisation
sustainable development
waste heat
DEU Energieeinsparung

energy consumption
NT power consumption
PT power consumption
RT energy conservation
energy resources
power utilisation
DEU Energieverbrauch

energy control
USE power control

energy conversion, direct
USE direct energy conversion

energy dispersive X-ray analysis
USE X-ray chemical analysis

energy efficiency
USE energy conservation

energy gap
BT band structure
NT superconducting energy gap
SY *band gap*
forbidden gap
UF *optical gap / energy gap + optical constants*
PT band structure
RT narrow band gap semiconductors
photonic band gap
semiconductor materials
wide band gap semiconductors
DEU Bandlücke
DSY energetische Bandlücke
Energiebandlücke
Energielücke

energy gap, superconducting
USE superconducting energy gap

energy harvesting
BT direct energy conversion
SY *energy scavenging*
UF *piezoelectric energy harvesting / energy harvesting + piezoelectric transducers*
RT electrostatic generators
low-power electronics
micromechanical devices
piezoelectric devices
vibrations
DEU Energienebenbeigewinnung
DSY Energy Harvesting

Energy Harvesting
DUS für energy harvesting

energy level anticrossing
USE energy level crossing

energy level crossing
BT spectra (general)
SY *anticrossing spectroscopy*
avoided crossing
UF *DQRLC / energy level crossing + magnetic double resonance + nuclear quadrupole resonance*
SY *energy level anticrossing*
UF *HMEAS / energy level crossing + spectroscopy*
SY *level crossing (energy)*
RT energy states
Hanle effect
DEU Energieniveauübergang
DSY Energieniveauüberkreuzung
Energieniveauwechsel

energy level transitions, nuclear
USE nuclear energy level transitions

energy levels
USE energy states

energy levels, atomic
USE atomic structure

energy levels, molecular
USE molecular electronic states

energy levels, nuclear
USE nuclear energy levels

energy loss of particles
NT electron energy loss spectra
UF *beta-ray scattering / beta-ray effects + collision processes + energy loss of particles + particle backscattering + potential scattering + transport processes*
SY *energy-range relations*
particle range
UF *particle scattering / collision processes + energy loss of particles + particle backscattering + particle beams + potential scattering + radiation effects + transport processes*
SY *range of particles*
stopping of particles
RT channelling
elementary particles
particle tracks
particle velocity analysis
radiation effects
DEU Partikelenergieverlust
DSY Teilchenenergieverlust

energy management systems
NT load management
SY *EMS (energy management systems)*
PT load management
RT building management systems
demand side management
energy conservation
power system control
DEU Energiemanagementsystem

energy measurement
BT electric variables measurement
mechanical variables measurement
PT power measurement
RT power measurement
DEU Energiemessung

energy meters
USE power meters

energy resources
NT energy conservation
energy security
fuel
fuel economy
nuclear power
renewable energy sources
RT coal gasification
energy consumption
environmental economics
exergy
natural resources
power stations
solar energy concentrators
sustainable development
DEU Energiequelle
DSY Energiereserve
Energieresource
Energievorrat

energy scavenging
USE energy harvesting

energy security
BT energy resources
security
PT energy resources
RT critical infrastructures
electricity supply industry
fuel processing industries
gas industry
government policies
international trade
national security
petroleum industry

terrorism
DEU Energiesicherheit
DSY Energiezuverlässigkeit

energy states
NT band structure
band theory
bound states
charge transfer states
configuration interactions
coupled cluster calculations
crystal field interactions
dark states
dipole coupling
dopplerons
dressed states
effective mass
electron correlations
electron gas
electron-hole drops
electronic density of states
electronic structure
excited states
excitons
Fermi level
Fermi surface
fine structure
ground states
helicons
hyperfine interactions
interface states
Jahn-Teller effect
Judd-Ofelt theory
Landau levels
librational states
localised states
magnetic breakdown
magnons
metal-insulator transition
molecular orientation
molecular reorientation
nuclear energy levels
nuclear structure theory
orbital calculations
plasmons
polarisability
polaritons
polarons
positron states
quadrupole interactions
ripplons
rotational states
rotational-vibrational states
rotons
Russell-Saunders coupling
spin-orbit interactions
spin-phonon interactions
spin-rotation coupling
spin-spin interactions
strongly correlated electron systems
surface states
total energy
translational states
two-dimensional hole gas
VB calculations
vibrational states
vibronic states
SY *energy levels*
levels, energy
PT electron energy states
energy levels
RT energy level crossing
population inversion
DEU energetischer Zustand
DSY Energiestatus
Energiezustand

energy storage
NT capacitor storage
compressed air energy storage
hydrogen storage
inductive energy storage
mechanical energy storage
superconducting magnet energy storage
thermal energy storage
RT battery powered vehicles
battery storage plants
direct energy conversion
electric vehicles
fuel cell vehicles
hybrid electric vehicles
pulsed power technology
solar powered vehicles
DEU Energiespeicherung

energy storage devices
DEU Energiespeichereinheit
DSY Energiespeichereinrichtung
Energiespeichergerät
Energiespeichervorrichtung

energy transfer collisions, molecular
USE molecular collisions

energy, binding
USE binding energy

energy, lattice
USE lattice energy

energy, surface
USE surface energy

energy-range relations
USE energy loss of particles

engine cylinders
BT machine components
RT engines
gaskets
pistons
rings (structures)
DEU Motorzylinder
DSY Zylinder (Motor)

engine mountings
USE engines
\+ mountings
DEU Motorträger

engineering
NT aerospace engineering
agricultural engineering
automotive engineering
biomedical engineering
chemical engineering
civil engineering
concurrent engineering
control engineering
design engineering
electrical engineering
engineering education
environmental engineering
genetic engineering
human factors
industrial engineering
maintenance engineering
marine engineering
mechanical engineering
mechatronics
naval engineering
nuclear engineering
precision engineering
production engineering
project engineering
railway engineering
software engineering
systems engineering
thermal engineering
tissue engineering
value engineering
RT engineering computing
engineering facilities
technology
DEU Ingenieurwesen
DSY Ingenieurwissenschaften
Konstruktionswesen
Technik
technische Bearbeitung
technische Planung
Technologie als Studienfach

engineering computing
BT computer applications
NT aerospace computing
chemical engineering computing
civil engineering computing
computer aided engineering
computer aided facilities layout
control engineering computing
electrical engineering computing
engineering graphics
engineering information systems
mechanical engineering computing
naval engineering computing
nuclear engineering computing
optical engineering computing
production engineering computing
telecommunication computing
traffic engineering computing
virtual machines
PT engineering applications of computers
RT engineering
engineering workstations
DEU Computeranwendung im Ingenieurwesen
DSY Computeranwendung in der Ingenieurtechnik
ingenieurtechnische Computeranwendung
ingenieurtechnische Rechneranwendung
ingenieurwissenschaftliche Computeranwendung
ingenieurwissenschaftliche Rechneranwendung
Rechneranwendung im Ingenieurwesen
Rechneranwendung in der Ingenieurtechnik

engineering education
BT education
engineering
NT control engineering education
electrical engineering education
UF *continuing engineering education / continuing education* + *engineering education*
PT education
engineering
RT biomedical education
computer aided instruction
educational courses
teaching
training
DEU technische Ausbildung
DSY technische Bildung
technische Weiterbildung

engineering facilities
BT facilities
NT control facilities
test facilities
RT engineering
laboratories
DEU Ingenieureinrichtung

engineering graphics
BT computer graphics
engineering computing
UF *CAGD / CAD + engineering graphics*
UF *computer aided geometric design / CAD + engineering graphics*
PT computer graphics
RT CAD
engineering workstations
solid modelling
technical drawing
DEU technische Zeichnung

engineering information systems
BT engineering computing
information systems
PT information systems
DEU Informationssystem im Maschinen- und Gerätebau
DSY Ingenieurweseninformationssystem

engineering societies
USE societies

engineering workstations
BT workstations
PT interactive terminals
microcomputers
RT CAD
CAD/CAM
engineering computing
engineering graphics
interactive terminals
microcomputers
remote consoles
DEU Workstation im Ingenieurwesen

engines
NT aerospace engines
compound engines
dual fuel engines
heat engines
internal combustion engines
ion engines
UF *engine mountings / engines + mountings*
RT cams (mechanical)
camshafts
crankcases
engine cylinders
exhaust systems
flywheels
fuel economy
fuel pumps
fuel systems
gas turbines
gaskets
ignition
intake systems (machines)
machine bearings
machine components
manifolds
marine propulsion
marine systems
mountings
pistons
power transmission (mechanical)
propellers
propulsion
rotors (mechanical)
shafts
thermodynamics
torque convertors
turbomachinery
universal joints
valves
DEU Motor

enhanced data rate for GSM evolution
USE 3G mobile communication
\+ cellular radio
\+ telecommunication standards

enhanced magnetoresistance
BT magnetoresistance
NT colossal magnetoresistance
giant magnetoresistance
tunnelling magnetoresistance
SY *anisotropic magnetoresistance*
ballistic magnetoresistance
extraordinary magnetoresistance
PT magnetoresistance
RT interface magnetism
nanocontacts
semiconductor-metal boundaries
DEU erhöhte Magnetresistenz
DSY erhöhter Magnetowiderstand

enhanced metal hydride stars
USE dwarf stars

Enhanced Small Device Interface
USE peripheral interfaces

enstrophy
USE vortices

entangled states
USE quantum entanglement

entarteter Halbleiter
DEU for degenerate semiconductors

Enteisung
DEU for de-icing

enterprise modelling
USE corporate modelling

enterprise networking
USE business communication

enterprise resource planning
BT planning
SY *ERP*
PT accounting
business data processing
management information systems
planning
RT accounting
business data processing
data integration
management information systems
manufacturing resources planning
production planning
DEU Planungsebene
DSY Unternehmensresourcenplanung

entertainment
BT leisure industry
NT sport
PT sports and entertainment
RT coin operated equipment
computer games
hotel industry
personal computing
reservation computer systems
toy manufacturing industry
DEU Unterhaltungsindustrie

Entfaltung
DUS für deconvolution

Entfernen versteckter Effekte
DEU for hidden feature removal

Entfernung versteckter Merkmale
DUS für hidden feature removal

Entfernungsmesser
DEU for odometers

Entfernungsmessung
DUS für distance measurement

Entflammbarkeit
DEU for flammability

Entflammbarkeitsprüfung
DUS für flameproofing

Entflammungsverzögerer
DUS für flame retardants

Entflammverzögerer
DUS für flame retardants

Entgasung
DEU for deaeration

Entgiftung kontaminierte Stellen
DUS für contaminated site remediation

Entgraten
DUS für deburring

Enthalpie
DEU for enthalpy

enthalpy
BT thermodynamic properties
PT thermodynamic properties
RT heat
thermodynamics
DEU Enthalpie

entity-relationship modelling
BT data models
systems analysis
PT systems analysis
RT relational algebra
relational databases
DEU Entity-Relationship-Modellierung

Entity-Relationship-Modellierung
DEU for entity-relationship modelling

Entladung (elektrisch)
DEU for discharges (electric)

Entlaminisierung
DUS für delamination

Entlohnung
DEU for remuneration

Entlüftung
DUS für deaeration

Entlüftung (mechanisches Element)
DUS für vents (mechanical components)

Entmagnetisierung
DEU for demagnetisation

entrainment (flow)
USE stratified flow

entrepreneurship
USE commerce
\+ innovation management
\+ risk management
DEU Unternehmensgründung

Entropie
DEU for entropy

Entropiecode
DEU for entropy codes

entropy
BT information theory
thermodynamic properties
NT entropy codes
maximum entropy methods
minimum entropy methods
RT exergy
heat
irreversible thermodynamics
nonequilibrium thermodynamics
thermodynamics
DEU Entropie

entropy codes
BT codes
entropy
PT codes
encoding (general)
RT data compression
Huffman codes
image coding
variable length codes
vector quantisation
video signals
DEU Entropiecode

entry, descent and landing (spacecraft)
SY *descent (spacecraft)*
EDL (spacecraft)
landing (spacecraft)
re-entry (spacecraft)
spacecraft descent
spacecraft landing
RT aerodynamics
aerospace control
aerospace engineering
aerospace instrumentation
aerospace propulsion
aerospace testing
artificial satellites
parachutes
planetary atmospheres
planetary landers
planetary rovers
planetary surfaces
space communication links
space vehicles
vehicle dynamics
DEU Eintritt, Abstieg, Landung (Raumfahrzeug)

Entsalzung
DEU for desalination

Entscheidbarkeit
DEU for decidability

Entscheiden
DUS für decision making

Entscheidungsbaum
DEU for decision trees

Entscheidungsdiagramm
DEU for decision diagrams

Entscheidungsfindung
DUS für decision making

Entscheidungsrückkopplungsentzerrer
DEU for decision feedback equalisers

Entscheidungstabelle
DEU for decision tables

Entscheidungstheorie
DEU for decision theory

Entscheidungsunterstützungssystem
DEU for decision support systems

Entseuchung kontaminierter Standorte
DUS für contaminated site remediation

Entsorgung radioaktiven Abfalls
DUS für radioactive waste disposal

Entsorgung radioaktiven Mülls
DUS für radioactive waste disposal

Entsorgung radioaktiver Abfälle
DUS für radioactive waste disposal

Entspannung (mechanisch)
DUS für strain

Entspannungsoszillator
DEU for relaxation oscillators

Entspannungstheorie
DEU for relaxation theory

Entstellung
DUS für distortion

Entstörung
DEU for interference suppression

Entwässerungspresse
DUS für presses

Entwickler (Fotografie)
DUS für developers (photographic)

Entwicklungssystem
DEU for development systems

Entwurf
DUS für design

Entwurf für Qualität
DEU for design for quality

Entwurf integrierter Schaltkreise
DEU for integrated circuit design

Entwurf integrierter Schaltungen
DUS für integrated circuit design

Entwurfshilfsmittel
DEU for design aids

Entwurfssprache (Programmierung)
DEU for authoring languages

Entwurfstechnik
DEU for design engineering

Entzerrer
DEU for equalisers

envelope inserters
USE mailing systems

environmental degradation
BT environmental factors
UF *biodegradation / biodegradable materials + environmental degradation*
UF *environmental stress cracking / environmental degradation + stress corrosion cracking*
SY *weathering, materials*
RT ageing
biodegradable materials
corrosion
crazing
environmental monitoring (geophysics)
environmental testing
leaching
moisture
oxidation
radiation effects
renewable materials
stress corrosion cracking
surface phenomena
swelling
thermal stress cracking
DEU umweltgerechter Abbau

environmental economics
BT economics
SY *carbon emissions trading*
UF *carbon tax / environmental economics + taxation*
UF *green taxation / environmental economics + taxation*
PT economics
RT energy resources
environmental management
natural resources
pollution
recycling
DEU Umweltökonomie
DSY volkswirtschaftliche Umweltkosten

environmental engineering
BT engineering
environmental factors
RT air conditioning
clean rooms
cooling
environmental monitoring (geophysics)
ergonomics
greenhouses
lighting
safety
sanitary engineering
space cooling
space heating
temperature control
total energy systems
ventilation
DEU Umwelttechnik

environmental factors
NT contaminated site remediation
design for environment
environmental degradation
environmental engineering
environmental management
environmental monitoring (geophysics)
environmental testing
global warming
green computing
indoor environment
pollution
power aware computing
waste
UF *environmental policies / environmental factors + government policies*
SY *environmental science*
green issues
RT carbon capture and storage
climate mitigation
corporate social responsibility
ecology
fuel economy
health and safety
insulator contamination
natural resources
oil sands
organic farming
public transport
recycling
RoHS compliance
DEU Umweltfaktor

environmental legislation
BT environmental management
legislation
NT RoHS compliance
WEEE Directive
SY *ELV Directive*
End of Life Vehicles Directive
UF *EU environmental legislation / environmental legislation + government policies + international collaboration*
UF *Kyoto protocol / air pollution control + climate mitigation + environmental legislation + government policies*
UF *REACH legislation / environmental legislation + occupational health + occupational safety*
UF *Registration, Evaluation and Authorisation of Chemicals Directive / environmental legislation + occupational health + occupational safety*
PT environmental factors
legislation
RT carbon capture and storage
climate mitigation
green computing
recycling
DEU Umweltgesetzgebung

environmental management
BT environmental factors
management
NT environmental legislation
land use planning
pest control
waste management
water conservation
PT environmental factors
RT design for environment
environmental economics
environmental monitoring (geophysics)
global warming
international collaboration
pollution control
recycling
renewable energy sources
sustainable development
water resources
DEU Umweltmanagement

environmental monitoring (geophysics)
BT environmental factors
monitoring
RT air quality
environmental degradation
environmental engineering
environmental management
environmental testing
geophysical equipment
geophysical techniques
pollution
radiation monitoring
DEU Umweltbeobachtung (Geophysik)

environmental noise
USE noise (working environment)

environmental policies
USE environmental factors
\+ government policies

environmental science
USE environmental factors

environmental science computing
BT natural sciences computing
PT biology computing
RT biology computing

chemistry computing
DEU Computeranwendung in den Umweltwissenschaften
DSY Rechneranwendung in den Umweltwissenschaften
umweltwissenschaftliche Computeranwendung
umweltwissenschaftliche Rechneranwendung

environmental stress cracking
USE environmental degradation
\+ stress corrosion cracking

environmental stress screening
BT environmental testing
PT environmental testing
RT production testing
DEU ESS (Environmental Stress Screening)

environmental testing
BT environmental factors
testing
NT environmental stress screening
RT air conditioning
cooling
corrosion testing
environmental degradation
environmental monitoring (geophysics)
heating
lighting
temperature control
temperature distribution
ventilation
DEU Umweltprüfung

Enzyklopädie
DEU for encyclopaedias

Enzym
DEU for enzymes

enzymatic fuel cells
BT fuel cells
PT fuel cells
RT biochemistry
bioreactors
biotechnology
enzymes
fuel cell power plants
microbial fuel cells
organic compounds
DEU enzymatische Brennstoffzelle
DSY Enzymbrennstoffzelle

enzymatische Brennstoffzelle
DEU for enzymatic fuel cells

Enzymbrennstoffzelle
DUS für enzymatic fuel cells

enzymes
BT proteins
SY *lysozyme*
PT proteins
RT biochemistry
biotechnology
catalysts
enzymatic fuel cells
DEU Enzym

EOG (electro-oculography)
USE electro-oculography

EOS (electrostatic discharge)
USE electrostatic discharge

EPDM (ethylene-propylene rubber)
USE ethylene-propylene rubber

ephemerides
USE astronomical ephemerides

epidemics
PT diseases
RT diseases
DEU Epidemie

Epidemie
DEU for epidemics

epitaxial growth
BT coating techniques
crystal growth
NT liquid phase epitaxial growth
solid phase epitaxial growth
vapour phase epitaxial growth
SY *epitaxy*
RT epitaxial layers
self-assembly
DEU Epitaxialwachstum

epitaxial layers
BT coatings
crystals
thin films
NT magnetic epitaxial layers
metallic epitaxial layers
semiconductor epitaxial layers
superconducting epitaxial layers
PT thin films
RT epitaxial growth
substrates

DEU Epitaxialschicht

Epitaxialschicht
DEU for epitaxial layers

Epitaxialwachstum
DEU for epitaxial growth

Epitaxialwachstum aus der festen Phase
DEU for solid phase epitaxial growth

epitaxy
USE epitaxial growth

EPLD
USE programmable logic devices

EPMA
USE electron probe analysis

Epoxid-Isolation
DUS für epoxy insulation

Epoxid-Isolator
DUS für epoxy insulators

Epoxidharz-Isolator
DUS für epoxy insulators

Epoxidharzisolation
DEU for epoxy insulation

Epoxidharzisolator
DUS für epoxy insulators

Epoxidisolation
DUS für epoxy insulation

Epoxidisolator
DUS für epoxy insulators

epoxy insulation
BT organic insulating materials
polymers
UF *epoxy resin insulation / epoxy insulation + epoxy insulators*
PT organic insulating materials
polymers
RT epoxy insulators
DEU Epoxidharzisolation
DSY Epoxid-Isolation
Epoxidisolation

epoxy insulators
BT polymer insulators
UF *epoxy resin insulation / epoxy insulation + epoxy insulators*
SY *epoxy resin insulators*
PT insulators
RT epoxy insulation
insulator contamination
insulator testing
DEU Epoxydisolator
DSY Epoxid-Isolator
Epoxidharz-Isolator
Epoxidharzisolator
Epoxidisolator

epoxy resin insulation
USE epoxy insulation
\+ epoxy insulators

epoxy resin insulators
USE epoxy insulators

epoxy resins
USE resins

Epoxydisolator
DEU for epoxy insulators

EPR
USE paramagnetic resonance

EPR (computing)
USE electronic health records

EPR (insulation)
USE ethylene-propylene rubber

EPR imaging
BT magnetic resonance imaging
paramagnetic resonance
UF *biomedical EPR imaging / biomedical MRI + EPR imaging*
SY *ESR imaging*
paramagnetic resonance imaging
PT paramagnetic resonance
RT biological EPR
biological techniques
biomedical MRI
EPR spectroscopy
NMR imaging
DEU EPR-Bildaufnahme
DSY EPR-Bilderzeugung
EPR-Bildgebung
lektroparamagnetischer Resonanzbilderzeugung
lektroparamagnetischer Resonanzbildgebung
paramagnetischer Elektronenresonanz-Bilderzeugung
paramagnetischer Elektronenresonanz-Bildgebung

EPR line breadth
BT paramagnetic resonance spectral line breadth
PT paramagnetic resonance spectral line breadth
DEU EPR-Linienbreite

EPR paradox
BT quantum theory
SY *Einstein-Podolsky-Rosen paradox*
PT quantum theory
RT Aharonov-Bohm effect
Bell theorem
quantum entanglement
DEU Einstein-Podolsky-Rosen-Paradox
DSY EPR-Paradox

EPR spectra
USE paramagnetic resonance

EPR spectrometers
BT magnetic resonance spectrometers
paramagnetic resonance
SY *ESR spectrometers*
paramagnetic resonance spectrometers
PT magnetic resonance spectrometers
RT EPR spectroscopy
microwave spectrometers
DEU EPR-Spektrometer
DSY ESR-Spektrometer

EPR spectroscopy
BT magnetic resonance spectroscopy
paramagnetic resonance
SY *ESR spectroscopy*
paramagnetic resonance spectroscopy
PT magnetic resonance spectroscopy
RT biological EPR
EPR imaging
EPR spectrometers
microwave spectroscopy
DEU EPR-Spektrometer
DSY EPR-Spektroskopie

EPR spin echo
USE spin echo (EPR)

EPR-Bildaufnahme
DEU for EPR imaging

EPR-Bilderzeugung
DUS für EPR imaging

EPR-Bildgebung
DUS für EPR imaging

EPR-Linienbreite
DEU for EPR line breadth

EPR-Paradox
DUS für EPR paradox

EPR-Spektrometer
DEU for EPR spectrometers
EPR spectroscopy

EPR-Spektroskopie
DUS für EPR spectroscopy

EPROM
BT PROM
NT flash memories
SY *E2PROM*
EEPROM
erasable programmable read-only memory
PT PROM
RT integrated memory circuits
PLD programming
DEU EPROM (Löschbarer Programmierbarer Nur-Lese-Speicher)

EPROM (Löschbarer Programmierbarer Nur-Lese-Speicher)
DEU for EPROM

epsilon meson resonances
USE eta meson resonances

Epson computers
BT digital computers
PT microcomputers
RT microcomputers
DEU Epson-Computer

Epson-Computer
DEU for Epson computers

equal opportunities
BT prejudicial factors
RT gender issues
industrial relations
DEU Gleichberechtigung

equalisers
BT networks (circuits)
NT adaptive equalisers
blind equalisers
decision feedback equalisers
SY *attenuation equalisers*

equalizers
RT channel estimation
DC generators
DEU Entzerrer

equalizers
USE equalisers

equations
BT mathematics
NT Bethe-Salpeter equation
differential equations
elliptic equations
equations of state
field equations
functional equations
hyperbolic equations
integral equations
nonlinear equations
parabolic equations
Riccati equations
RT polynomials
DEU Gleichung

equations of state
BT equations
thermodynamic properties
SY *Hugoniot diagrams*
P-V-T relations
thermodynamic equations of state
virial coefficients
RT diagrams
fugacity
phase transformations
thermodynamics
DEU Zustandsgleichung

equilibrium constants
USE chemical equilibrium

equilibrium diagrams
USE phase diagrams

equilibrium, chemical
USE chemical equilibrium

equilibrium, phase
USE phase equilibrium

equipment evaluation
BT management
SY *computer equipment evaluation*
PT equipment evaluation (computers)
RT buyer's guides
computer evaluation
computer selection
equipment selection
performance evaluation
purchasing
software selection
DEU Ausrüstungsbewertung

equipment selection
BT management
SY *computer equipment selection*
PT equipment selection (computers)
RT buyer's guides
computer evaluation
computer selection
equipment evaluation
purchasing
software selection
DEU Geräteauswahl

equiripple filters
BT filters
NT Chebyshev filters
elliptic filters
DEU Glättungsfilter
DSY gleichwelliger Filter
Restwelligkeitsfilter
Wellenglättungsfilter
Welligkeitsfilter

equivalence classes
BT mathematics
RT automata theory
DEU Äquivalenzklasse

equivalence principle
USE gravitation

equivalent circuits
BT networks (circuits)
RT lattice networks
network analysis
network parameters
network synthesis
semiconductor device models
two-port networks
DEU Ersatzschaltbild

Er (chemical element)
USE erbium
DEU Er (chemisches Element)

Er (chemisches Element)
DEU for Er (chemical element)

erasable programmable read-only memory
USE EPROM

erbium
BT rare earth metals
UF *EDFA / erbium + optical fibre amplifiers*

SY *Er (chemical element)*
RT erbium alloys
erbium compounds
DEU Erbium

erbium alloys
BT rare earth alloys
PT rare earth alloys
RT erbium
erbium compounds
DEU Erbiumlegierung

erbium compounds
BT rare earth compounds
RT erbium
erbium alloys
DEU Erbiumverbindung

Erbiumlegierung
DEU for erbium alloys

Erbiumverbindung
DEU for erbium compounds

Erbium
DEU for erbium

ERDA
USE ion microprobe analysis
\+ nuclear chemical analysis
\+ Rutherford backscattering

Erdalkalilegierung
DEU for alkaline earth alloys

Erdalkalimetall
DEU for alkaline earth metals

Erdalkaliverbindung
DEU for alkaline earth compounds

Erdatmosphäre
DEU for terrestrial atmosphere

Erdaufbau
DEU for Earth structure

Erdbaumaschine
DEU for earthmoving equipment

Erdbeben
DEU for earthquakes

Erdbebeningenieurwesen
DEU for earthquake engineering

Erdbebenwelle
DEU for seismic waves

Erdboden
DUS für soil

Erde (elektrisch)
DEU for earthing

Erde (Planet)
DEU for Earth

Erde-Ionosphäre-Wellenleiter
DEU for Earth-ionosphere waveguide

Erdelektrizität
DEU for terrestrial electricity

Erdfunkstelle
DEU for satellite ground stations

Erdgastechnik
DEU for natural gas technology

Erdgastechnologie
DUS für natural gas technology

Erdkabel
DEU for underground cables

Erdkern
DEU for Earth core

Erdkruste
DEU for Earth crust

Erdmagnetismus
DEU for geomagnetism

Erdmantel
DEU for Earth mantle

Erdöl
DEU for crude oil

Erdölbohrung
DEU for oil drilling

Erdölindustrie
DEU for petroleum industry

Erdölraffination
DEU for oil refining

Erdölraffinierung
DUS für oil refining

Erdöltechnik
DEU for oil technology

Erdöltechnologie
DUS für oil technology

Erdorbit
DEU for Earth orbit

Erdrotation
DEU for Earth rotation

Erdumdrehung
DUS für Earth rotation

Erdung
DUS für earthing

Erdungselektrode
DEU for earth electrodes

Erdungsschutz
DUS für earthing

Erdwärme
DEU for terrestrial heat

Erdwärmekraftwerk
DEU for geothermal power stations

Erdwärmepumpe
DEU for ground source heat pumps

Erdwärmestrom
DEU for geothermal power

Erdzusammensetzung
DEU for Earth composition

erection
USE construction

EREW
USE concurrency theory

Erfolgskontrolle
DEU for testing

ERG
USE electroretinography

ergodic theorem
USE statistical mechanics

ergonomics
NT human computer interaction
job design
noise (working environment)
office environment
SY *human engineering*
workplace design
RT anthropometry
behavioural sciences
biocybernetics
cybernetics
design
environmental engineering
human factors
man-machine systems
occupational health
physiology
social sciences
systems engineering
DEU Ergonomie

Ergonomie
DEU for ergonomics

erhöhte Magnetresistenz
DEU for enhanced magnetoresistance

erhöhter Magnetowiderstand
DUS für enhanced magnetoresistance

Erholung
DEU for recovery

Erkennungsschaltung
DUS für detector circuits

Erklärung
DEU for explanation

Erkrankung
DEU for medical disorders

Erläuterung
DUS für explanation

Ermittlung von Merkmalen
DUS für feature extraction

Ermüdung
DEU for fatigue

Ermüdungsriss
DEU for fatigue cracks

ernsthaftes Spiel (Computer)
DUS für serious games (computing)

ernsthaftes Spiel (Rechner)
DUS für serious games (computing)

erosion
SY *weathering, rocks*
PT geophysics
RT geomorphology
soil
DEU Erosion (Geophysik)
DSY Erosion (Meer)

Erosion (Geophysik)
DEU for erosion

Erosion (Meer)
DUS für erosion

ERP
USE enterprise resource planning

Erprobung
DUS für testing

error analysis
BT numerical analysis
RT error correction
error detection
errors
mean square error methods
DEU Fehleranalyse (Mathematik)

error compensation
BT compensation
RT analogue computers
error correction
errors
DEU Fehlerkompensation

error control codes
USE error correction codes

error correcting codes
USE error correction codes

error correction
NT forward error correction
RT coding errors
error analysis
error compensation
error correction codes
error detection
errors
fault tolerant computing
information theory
DEU Fehlerkorrektur

error correction codes
BT codes
SY *burst correction codes*
error control codes
error correcting codes
RT binary codes
coding errors
cyclic redundancy check codes
error correction
error detection codes
forward error correction
Galois fields
Hadamard codes
information theory
nonlinear codes
orthogonal codes
parity check codes
product codes
ternary codes
DEU Fehlerkorrekturcode

error detecting codes
USE error detection codes

error detection
RT automatic repeat request
coding errors
error analysis
error correction
error detection codes
errors
forward error correction
information theory
DEU Fehlererkennung

error detection codes
BT codes
SY *error detecting codes*
RT automatic repeat request
coding errors
cyclic redundancy check codes
error correction codes
error detection
information theory
parity check codes
product codes
DEU Fehlererkennungscode

error handling
BT exception handling
PT data handling
RT operating systems (computers)
program debugging
transaction processing
DEU Fehlerbehandlung

error probability
USE error statistics

error recovery (computers)
USE system recovery

error statistics
BT information theory
statistics
SY *BER*
bit error rate
error probability
frame error rate
symbol error rate
RT errors
importance sampling
DEU Fehlerstatistik

errors
NT coding errors
measurement errors
roundoff errors
RT error analysis
error compensation
error correction
error detection
error statistics
hysteresis
information theory
performance index
quality control
reliability
DEU Fehler (allgemein)

Ersatzschaltbild
DEU for equivalent circuits

Erstarren
DEU for solidification

Erste Hilfe
DEU for first aid

eruptive symbiotic stars
USE novae
\+ symbiotic stars

Erwartungsmaximumalgorithmus
DUS für expectation-maximisation algorithm

Erweichen
DEU for softening

erweiterte Kristallstörung
DEU for extended defects

erweiterte Röntgenstrahlen-Absorptions-Feinstruktur
DEU for EXAFS

erweiterte Röntgenstrahlen-Absorptions-Feinstruktur (EXAFS)
DUS für EXAFS

erweiterte Störung
DUS für extended defects

erweiterte virtuelle Realität
DEU for augmented reality

erweiterter Defekt
DUS für extended defects

erweitertes Objekt
DUS für extended objects

erythema
USE biological effects of ultraviolet radiation

erythrocytes
USE blood
\+ cellular biophysics

Erzeugnis
DUS für manufactured products

Erzeugung von Schallwellen
DEU for acoustic wave production

Erziehung
DUS für education

erzwungene Behandlung
DEU for constraint handling

Es (chemical element)
USE einsteinium
DEU Es (chemisches Element)

Es (chemisches Element)
DEU for Es (chemical element)

ES-Schweißen
DEU for electroslag welding

Esaki diodes
USE tunnel diodes

Esaki effect
USE tunnelling

ESCA
BT electron spectroscopy
spectrochemical analysis
SY *electron spectroscopy for chemical analysis*
PT Auger effect

electron spectroscopy
spectrochemical analysis
X-ray photoelectron spectra
RT Auger electron spectra
Auger electron spectroscopy
electron probe analysis
photoelectron spectroscopy
X-ray photoelectron spectra
DEU Elektronenspektroskopie für chemische Analytik
DSY Elektronenspektroskopie für chemische Analytik (ESCA)
ESCA (Elektronenspektroskopie für chemische Analytik)
ESCA-Spektroskopie

ESCA (Elektronenspektroskopie für chemische Analytik)
DUS für ESCA

ESCA-Spektroskopie
DUS für ESCA

ESD
USE electrostatic discharge

ESDI
USE peripheral interfaces

ESPI
USE electronic speckle pattern interferometry

ESPRIT
USE research initiatives

ESR
USE paramagnetic resonance

ESR imaging
USE EPR imaging

ESR spectrometers
USE EPR spectrometers

ESR spectroscopy
USE EPR spectroscopy

ESR-Spektrometer
DUS für EPR spectrometers

ESS (Environmental Stress Screening)
DEU for environmental stress screening

essential oils
BT oils
SY *volatile oils*
PT oils
RT cosmetics
distillation
food additives
food technology
pharmaceuticals
vegetable oils
DEU essenzielles Öl

essenzielles Öl
DEU for essential oils

estate agents
USE property market

Estelle
USE specification languages

estimation theory
BT mathematics
NT adaptive estimation
amplitude estimation
frequency estimation
maximum likelihood estimation
nonlinear estimation
phase estimation
recursive estimation
sequential estimation
SY *robust estimation*
RT delay estimation
information theory
mean square error methods
parameter estimation
state estimation
DEU Schätztheorie

eta meson resonances
BT meson resonances
SY *epsilon meson resonances*
X⁰ meson resonances
PT meson resonances
RT eta mesons
DEU eta-Meson-Resonanz

eta mesons
BT mesons
PT mesons
RT eta meson resonances
DEU eta-Meson

eta-Meson
DEU for eta mesons

eta-Meson-Resonanz
DEU for eta meson resonances

etalons
USE interferometers

Etatdatenverarbeitung
DUS für budgeting data processing

etching
BT surface treatment
NT dislocation etching
laser beam etching
sputter etching
RT corrosion
crystal defects
crystals
laser ablation
metallography
microfabrication
micromachining
printed circuits
printing
semiconductor technology
DEU Ätzen

Ethernet
USE local area networks

ethical aspects
BT professional aspects
NT corporate social responsibility
PT professional aspects
RT cultural aspects
genetic engineering
legislation
philosophical aspects
prejudicial factors
social aspects of automation
DEU Ethik
DSY ethische Gesichtspunkte

Ethik
DEU for ethical aspects

ethische Gesichtspunkte
DUS für ethical aspects

Ethyl-Propylen-Gummi
DEU for ethylene-propylene rubber

Ethylen-Propylen-Gummi
DUS für ethylene-propylene rubber

ethylene-propylene rubber
BT rubber
SY *EPDM (ethylene-propylene rubber)*
EPR (insulation)
PT rubber
RT power cable insulation
DEU Ethyl-Propylen-Gummi
DSY Ethylen-Propylen-Gummi
Ethylenpropylengummi

Ethylenpropylengummi
DUS für ethylene-propylene rubber

Etikettieren (Verpackung)
DEU for labelling (packaging)

Ettingshausen effect
USE thermomagnetic effects

Eu (chemical element)
USE europium
DEU Eu (chemisches Element)

Eu (chemisches Element)
DEU for Eu (chemical element)

EU environmental legislation
USE environmental legislation
\+ government policies
\+ international collaboration

EU legislation
USE government policies
\+ international collaboration
\+ legislation

European Muon Collaboration effect
USE EMC effect

europium
BT lanthanoides
rare earth metals
SY *Eu (chemical element)*
RT europium alloys
europium compounds
DEU Europium

europium alloys
BT rare earth alloys
PT rare earth alloys
RT europium
europium compounds
DEU Europiumlegierung

europium compounds
BT rare earth compounds
RT europium
europium alloys
DEU Europiumverbindung

europium stars
USE chemically peculiar stars
\+ magnetic stars

Europiumlegierung
DEU for europium alloys

Europiumverbindung
DEU for europium compounds

Europium
DEU for europium

eutectic alloys
BT alloys
composite materials
PT alloys
composite materials
RT directional solidification
eutectic structure
DEU eutektische Legierung

eutectic structure
BT crystal microstructure
PT crystal microstructure
RT directional solidification
eutectic alloys
DEU eutektisches Gefüge

eutectoid steel
USE carbon steel

eutectoid transformations
USE solid-state phase transformations

eutektische Legierung
DEU for eutectic alloys

eutektisches Gefüge
DEU for eutectic structure

EUV lithography
USE ultraviolet lithography

evanescent wave sensors
USE fibre optic sensors

evaporation
BT liquid-vapour transformations
vaporisation
NT field evaporation
UF *pervaporation / evaporation + separation*
RT boiling
crystal growth from vapour
drying
film boiling
heat transfer
transpiration
DEU Verdunstung

evaporation (film deposition)
USE vacuum deposition

evaporation model
BT statistical models (nuclear)
PT statistical theory of nuclear reactions and scattering
DEU Verdunstungsmodell

event calculus
USE temporal logic

event trees
USE fault trees

event-oriented simulation
USE discrete event simulation

Evershed effect
USE sunspots

evidential reasoning
USE case-based reasoning

evoked potentials
USE bioelectric potentials

evoked potentials, auditory
USE auditory evoked potentials

evoked potentials, visual
USE visual evoked potentials

evolution (biological)
SY *biological evolution*
life, origin
origin of life
UF *phylogenetics / evolution (biological) + genetics*
PT biology
RT biology
genetics
predator-prey systems
DEU biologische Evolution
DSY Evolution (Biologie)

Evolution (Biologie)
DUS für evolution (biological)

evolutionäre Berechnungsmethode
DEU for evolutionary computation

evolutionäre Berechnungstechnik
DUS für evolutionary computation

evolutionärer Algorithmus
DUS für evolutionary computation

evolutionary algorithms
USE evolutionary computation

evolutionary computation
NT cellular automata
genetic algorithms
SY *evolutionary algorithms*
evolutionary programming
RT learning automata
particle swarm optimisation
DEU evolutionäre Berechnungsmethode
DSY evolutionäre Berechnungstechnik
evolutionärer Algorithmus

evolutionary programming
USE evolutionary computation

evolutionary prototyping
USE software prototyping

EW (electronic warfare)
USE electronic warfare

EXAFS
BT X-ray absorption spectra
SY *extended X-ray absorption fine structure*
UF *NEXAFS / EXAFS + XANES*
SY *SEXAFS*
PT X-ray absorption spectra
RT fine structure
X-ray absorption
DEU erweiterte Röntgenstrahlen-Absorptions-Feinstruktur
DSY erweiterte Röntgenstrahlen-Absorptions-Feinstruktur (EXAFS)
EXAFS (Erweiterte Röntgenstrahlen-Absorptions-Feinstruktur)

EXAFS (Erweiterte Röntgenstrahlen-Absorptions-Feinstruktur)
DUS für EXAFS

example-based learning
USE learning by example

excavators
BT earthmoving equipment
RT civil engineering
construction equipment
Fotovoltaikbuilding
mining
tracked vehicles
underground equipment
DEU Bagger

exception handling
BT data handling
NT error handling
PT data handling
RT operating systems (computers)
program debugging
transaction processing
DEU Ausnahmenbehandlung

exchange forces in nucleus
USE nuclear forces

exchange interactions (electron)
NT RKKY interaction
superexchange interactions
RT antiferromagnetic materials
antiferromagnetism
colossal magnetoresistance
density functional theory
ferromagnetism
Kondo effect
micromagnetics
mictomagnetism
semimagnetic semiconductors
t-J model
DEU Austauschwechselwirkung (Elektron)

exchange models
BT peripheral models
SY *baryon exchange models*
boson exchange models
electric Born model
OBE model
OPE model
PT peripheral models
DEU Austauschmodell

exchange rates
BT foreign exchange trading
PT foreign exchange trading
RT international trade
DEU Austauschrate

exchanges (chemical)
USE chemical exchanges

exchanges (telephone)
USE telephone exchanges

excimer lasers
BT lasers
SY *dimer lasers*
exciplex lasers
PT gas lasers
RT electron beam pumping
excimers

gas lasers
DEU Excimer-Laser

Excimer-Laser
DEU for excimer lasers

excimers
BT molecules
SY *exciplexes*
RT excimer lasers
DEU angeregtes Dimer

exciplex lasers
USE excimer lasers

exciplexes
USE excimers

excited states
BT energy states
NT metastable states
resonant states
Rydberg states
triplet state
SY *atomic excited states*
molecular excited states
PT atomic excited states
molecular excited states
RT atomic structure
charge transfer states
dark states
dressed states
ground states
molecular electronic states
photoexcitation
vibronic states
DEU Anregungszustand

exciters
BT machine components
SY *boosters (electric generators)*
RT antennas
electric generators
starting
transmitters
DEU Anlasser

Exciton
DEU for excitons

exciton model (nuclear)
USE nuclear exciton model

exciton-phonon interactions
USE phonon-exciton interactions

excitonic molecules
USE biexcitons

excitons
BT energy states
NT biexcitons
phonon-exciton interactions
trions
RT Bose-Einstein condensation
electron-hole drops
quantum beat spectra
quantum confined Stark effect
quasiparticles
semiconductor materials
spectra (general)
triplet state
DEU Exciton

executive information systems
USE management information systems

executive programs
USE supervisory programs

executive workstations
BT workstations
SY *dealer workstations*
financial dealing workstations
office workstations
secretarial workstations
PT interactive terminals
microcomputers
RT interactive terminals
microcomputers
office automation
word processing
DEU Vorstandsworkstation

EXELFS
USE electron energy loss spectra

Exergie
DEU for exergy

exergy
BT thermodynamic properties
PT thermodynamics
RT cogeneration
electric power generation
energy conservation
energy resources
entropy
heat exchangers
heat transfer
thermal analysis
thermal energy storage
thermal power stations
DEU Exergie

exhaust manifolds
USE exhaust systems
\+ manifolds

exhaust systems
BT machine components
UF *catalytic converters / catalysis + exhaust systems*
UF *catalytic convertors / catalysis + exhaust systems*
UF *exhaust manifolds / exhaust systems + manifolds*
UF *mufflers / exhaust systems + silencers*
RT engines
manifolds
silencers
DEU Abgassystem
DSY Auslasssystem

exhibitions
SY *trade shows*
RT marketing
museums
DEU Ausstellung

exobiology
USE extraterrestrial life

exoelectron emission
BT electron emission
SY *photostimulated exoelectron emission*
thermally stimulated exoelectron emission
PT electron emission
DEU Exoelektronenemission

Exoelektronenemission
DEU for exoelectron emission

Exospäre
DEU for exosphere

exosphere
BT upper atmosphere
UF *geocorona / airglow + exosphere*
PT upper atmosphere
RT thermosphere
DEU Exospäre

exotic atoms
BT atoms
NT hadronic atoms
muonic atoms
muonium
positronium
SY *eccentric atoms*
PT atoms
RT exotic molecules
DEU exotisches Atom

exotic molecules
BT molecules
NT mesic molecules
muonic molecules
RT exotic atoms
DEU exotisches Molekül

exotisches Atom
DEU for exotic atoms

exotisches Molekül
DEU for exotic molecules

expanding Universe
USE cosmic acceleration
\+ cosmology

expandor-compressors
USE compandors

expansion boards
USE add-on boards

expansion chambers
USE cloud chambers

expansion fitting
BT fitting (assembly)
RT thermal expansion
DEU Ausdehnungsarmatur

expansion, thermal
USE thermal expansion

expectation-maximisation algorithm
BT iterative methods
maximum likelihood estimation
PT maximum likelihood estimation
RT Bayes methods
image processing
optimisation
parameter estimation
probability
DEU Algorithmus der maximalen Erwartung
DSY Algorithmus des maximalen Erwartungswertes
Erwartungsmaximumalgorithmus
Maximumerwartungsalgorithmus

experimental design
USE design of experiments

experimental tests of quantum electrodynamics
BT quantum electrodynamics
DEU experimetelle Überprüfung der Quantenelektrodynamik

Experimententwurf
DEU for design of experiments

Experimentgestaltung
DUS für design of experiments

experimetelle Überprüfung der Quantenelektrodynamik
DEU for experimental tests of quantum electrodynamics

expert system shells
BT computer software
expert systems
SY *shells, expert system*
PT expert systems
DEU Expertensystemhülle

expert system verification
USE knowledge verification

expert systems
BT computer applications
knowledge based systems
NT aerospace expert systems
diagnostic expert systems
expert system shells
intelligent design assistants
medical expert systems
PT artificial intelligence
RT artificial intelligence
cause-effect analysis
decision support systems
explanation
group decision support systems
knowledge acquisition
possibility theory
DEU Expertensystem

Expertensystem
DEU for expert systems

Expertensystemhülle
DEU for expert system shells

explanation
BT knowledge engineering
PT knowledge engineering
RT expert systems
knowledge representation
user modelling
DEU Erklärung
DSY Erläuterung

exploding foils
USE exploding wires

exploding wires
SY *exploding foils*
PT exploding wires and foils
RT discharges (electric)
explosions
plasma production
DEU Explosionsdraht

exploration geophysics
USE geophysical prospecting

Explosion
DEU for explosions

explosion protection
BT explosions
protection
PT explosions
protection
safety
RT accident prevention
armour
hazardous areas
military systems
nuclear explosions
safety
DEU Explosionsschutz

explosions
NT explosion protection
nuclear explosions
SY *implosions*
RT accidents
chemical hazards
combustion
coolant-fuel interactions
detonation
detonation waves
emergency management
exploding wires
explosive actuated equipment
explosives
fires
fission reactor accidents
fission reactor safety
fuel element failure
reaction kinetics
rescue robots
safety
safety systems
seismic waves
shock waves
DEU Explosion

Explosions-aktivierte Ausrüstung
DEU for explosive actuated equipment

Explosionsdraht
DEU for exploding wires

Explosionsdruck
DUS für pressure

Explosionsschutz
DEU for explosion protection

explosive actuated equipment
BT mechanical products
UF *air bags / aerospace engineering + automotive components + explosive actuated equipment + inflatable structures + road safety*
RT actuators
explosions
fasteners
safety devices
DEU Explosions-aktivierte Ausrüstung
DSY Explosivstoff-aktivierte Ausrüstung
Sprengstoff-aktivierte Ausrüstung

explosive detection
RT airports (structures)
alpha-particle detection
buried object detection
chemical sensors
explosives
gamma-ray apparatus
gamma-ray detection
gas sensors
hazardous materials
ion mobility spectroscopy
landmine detection
military systems
national security
neutron activation analysis
neutron detection
radiation detection
spectrochemical analysis
surveillance
terrorism
weapons
X-ray apparatus
DEU Explosivstoffdetektion
DSY Explosivstoffmarkierung
Explosivstoffmaskierung
Explosivstoffnachweis
Nachweis von Explosivstoff
Nachweis von Sprengstoff
Sprengstoffdetektion
Sprengstoffmarkierung
Sprengstoffmaskierung
Sprengstoffnachweis

explosive driven pulse generators
USE pulse generators
\+ pulsed power supplies

explosives
BT hazardous materials
SY *energetic materials*
PT explosions
RT chemical sensors
detonation
explosions
explosive detection
fuzes (detonation)
military systems
national security
terrorism
DEU Explosivstoff
DSY Sprengstoff

Explosivstoff
DEU for explosives

Explosivstoff-aktivierte Ausrüstung
DUS für explosive actuated equipment

Explosivstoffdetektion
DEU for explosive detection

Explosivstoffmarkierung
DUS für explosive detection

Explosivstoffmaskierung
DUS für explosive detection

Explosivstoffnachweis
DUS für explosive detection

exponential distribution
BT statistical distributions
RT Markov processes
queueing theory
random processes
statistical analysis
statistics
DEU Exponentialverteilung

exponential stability
USE asymptotic stability

Exponentialverteilung
DEU for exponential distribution

exports
USE international trade

exposure meters
USE photometers

extended defects
BT crystal defects
PT crystal defects
RT point defects
stacking faults
DEU erweiterte Kristallstörung
DSY erweiterte Störung
erweiterter Defekt

extended definition television
USE high definition television

extended Huckel theory calculations
USE EHT calculations

Extended Industry Standard Architecture
USE system buses

extended Kalman filters
USE Kalman filters
\+ nonlinear filters

extended objects
BT dual models
NT membrane theory
string theory
SY *extended particle model*
RT M-theory
DEU ausgedehntes Objekt
DSY erweitertes Objekt
längsausgedehnter Gegenstand
langgestreckter Körper
langgestrecktes Objekt

extended particle model
USE extended objects

extended X-ray absorption fine structure
USE EXAFS

extensive air showers
USE cosmic ray showers

extensometers
BT meters
transducers
SY *dilatometers*
PT strain gauges
RT mechanical testing
shrinkage
strain measurement
thermal expansion
DEU Dehnungsmesser
DSY Dehnungsmessgerät

external flows
BT flow
PT flow
RT swirling flow
DEU externe Strömung

external modes (crystals)
USE lattice dynamics

external threading
USE threading (machining)

externe Strömung
DEU for external flows

extinction coefficients
BT optical constants
PT optical constants
RT absorption coefficients
light scattering
DEU Extinktionskoeffizient
DSY Extinktionswert
Löschkoeffizient

extinctions, biological
USE geophysical catastrophes

Extinktionskoeffizient
DEU for extinction coefficients

Extinktionswert
DUS für extinction coefficients

extragalactic H II regions
USE galaxies
\+ H II regions

Extraktion eines Merkmals
DUS für feature extraction

Extranet
DEU for extranets

extranets
BT computer networks
office automation
PT business communication
Internet
RT business communication
information networks
Internet
DEU Extranet

extraordinary magnetoresistance
USE enhanced magnetoresistance

extraordinary ray
USE birefringence

extrapolation
BT numerical analysis
PT numerical analysis
RT approximation theory
bandlimited signals
function approximation
interpolation
splines (mathematics)
DEU Extrapolation

extrapolation chambers
USE ionisation chambers

Extrapolation
DEU for extrapolation

extrasolar planetary atmospheres
BT extrasolar planets
PT extrasolar planets
RT extrasolar planetary composition
stellar atmospheres
DEU extrasolare Planetenatmosphäre

extrasolar planetary chemistry
USE extrasolar planetary composition

extrasolar planetary composition
BT extrasolar planets
SY *extrasolar planetary chemistry*
PT extrasolar planets
RT extrasolar planetary atmospheres
stellar composition
DEU Planetenverbund außerhalb des Sonnensystems

extrasolar planetary dimensions
BT extrasolar planets
PT extrasolar planets
RT stellar dimensions
DEU extrasolare planetare Dimension

extrasolar planetary formation
BT extrasolar planets
UF *planetesimals / circumstellar matter + extrasolar planetary formation + planets + solar nebula*
UF *protoplanetary disks / circumstellar matter + extrasolar planetary formation*
PT extrasolar planets
RT accretion disks
circumstellar matter
star formation
DEU extrasolare Planetenformation

extrasolar planetary mass
BT extrasolar planets
PT extrasolar planets
RT stellar mass
DEU extrasolare Planetenmasse

extrasolar planetary motion
BT extrasolar planets
PT extrasolar planets
stellar motion
RT stellar motion
DEU extrasolare Planetenbewegung

extrasolar planetary spectra
BT astronomical spectra
extrasolar planets
PT extrasolar planets
RT stellar spectra
DEU extrasolares planetares Spektrum

extrasolar planets
NT extrasolar planetary atmospheres
extrasolar planetary composition
extrasolar planetary dimensions
extrasolar planetary formation
extrasolar planetary mass
extrasolar planetary motion
extrasolar planetary spectra
SY *hot Jupiters*
planets (extrasolar)
super-Earths
PT planets
RT brown dwarfs
multiple stars
DEU extrasolarer Planet

extrasolare planetare Dimension
DEU for extrasolar planetary dimensions

extrasolare Planetenatmosphäre
DEU for extrasolar planetary atmospheres

extrasolare Planetenbewegung
DEU for extrasolar planetary motion

extrasolare Planetenformation
DEU for extrasolar planetary formation

extrasolare Planetenmasse
DEU for extrasolar planetary mass

extrasolarer Planet
DEU for extrasolar planets

extrasolares planetares Spektrum
DEU for extrasolar planetary spectra

extraterrestrial atmospheres
DEU außerirdische Atmosphäre

extraterrestrial life
SY *astrobiology*
CETI
exobiology
SETI
PT astronomy and astrophysics
biology
RT astronomy
biology
living systems
microorganisms
DEU außerirdisches Leben

extrem große Magnetresistenz
DEU for giant magnetoresistance

extreme C stars
USE circumstellar matter
\+ giant stars
\+ infrared sources (astronomical)

extreme programming
USE software prototyping

extremum control
USE optimal control

Extrudieren
DEU for extrusion

extrusion
BT manufacturing processes
RT billets
deformation
drawing (mechanical)
pultrusion
DEU Extrudieren

Exzenterpresse
DUS für presses

eye
BT biological organs
NT electro-oculography
electroretinography
SY *cornea*
iris (eye)
ophthalmology
retina
RT biology
biophysics
contact lenses
eye protection
gaze tracking
iris recognition
ophthalmic lenses
retinal recognition
sleep
vision
visual evoked potentials
DEU Auge

eye gaze tracking
USE gaze tracking

eye protection
BT protection
SY *goggles*
PT eye
RT eye
health hazards
protective clothing
radiation protection
safety
DEU Augenschutz

eye tracking
USE gaze tracking

Eyring model fluid
USE non-Newtonian fluids

F (chemical element)
USE fluorine
DEU F (chemisches Element)

F (chemisches Element)
DEU for F (chemical element)

f mesons
BT meson resonances
PT meson resonances
DEU f-Meson

F-center lasers
USE colour centre lasers

F-centers
USE F-centres

F-centre lasers
USE colour centre lasers

F-centres
BT colour centres
NT A-centres
M-centres
R-centres
Z-centres
SY *F-centers*
trapped electron centers
trapped electron centres
PT colour centres

RT colour centre lasers
DEU F-Zentrum

F-layer
USE F-region

f-Meson
DEU for f mesons

F-region
BT ionosphere
SY *F-layer*
UF *spread F / F-region + ionospheric disturbances*
DEU F-Schicht

F-Schicht
DEU for F-region

f-values
USE oscillator strengths

F-Zentrum
DEU for F-centres

F2-centers
USE M-centres

F2-centres
USE M-centres

F3-centers
USE R-centres

F3-centres
USE R-centres

FA-centers
USE A-centres

FA-centres
USE A-centres

fabrics
BT textiles
NT cotton fabrics
UF *knitted fabric composites / fabrics + woven composites*
UF *woven fabric composites / fabrics + woven composites*
PT textile industry
RT auxetics
carpets
clothing
woven composites
yarn
DEU Gewebe (Textil)

Fabrik (allgemein)
DEU for industrial plants

Fabrikautomatisierung
DEU for factory automation

Fabry-Perot interferometers
BT light interferometers
PT light interferometers
RT Fabry-Perot resonators
fibre optic sensors
optical resonators
DEU Fabry-Perot-Interferometer

Fabry-Perot resonators
BT optical resonators
PT optical resonators
RT Fabry-Perot interferometers
laser cavity resonators
DEU Fabry-Perot-Resonator

Fabry-Perot spectrometers
USE interference spectrometers

Fabry-Perot-Interferometer
DEU for Fabry-Perot interferometers

Fabry-Perot-Resonator
DEU for Fabry-Perot resonators

face recognition
BT image recognition
PT computerised pattern recognition
computerised picture processing
pattern recognition
picture processing
RT biometrics (access control)
emotion recognition
gaze tracking
gesture recognition
iris recognition
retinal recognition
DEU Gesichtserkennung

Facebook
USE social networking (online)

faces (crystal)
USE crystal faces

Facharbeiterausbildung
DEU for multiskilling

Fachbibliothek
DEU for special libraries

Fachkraft
DUS für multiskilling

fachliche Bewertung
DUS für appraisal

Fachschulbibliothek
DUS für academic libraries

facilities
NT computer facilities
engineering facilities
facilities management
greenhouses
hospitals
laboratories
nuclear fuel cycle facilities
production facilities
RT facilities layout
facilities planning
facility location
nuclear facility decommissioning
nuclear facility regulation
warehousing
DEU Anlage (technisch)
DSY Anlageteil
Einrichtung
Gerätschaft

facilities layout
NT computer aided facilities layout
SY *plant layout*
RT facilities
facilities planning
group technology
DEU Anlagengestaltung

facilities management
BT facilities
management
SY *CAFM*
computer-aided facilities management
facility management
PT facilities
RT asset management
building management systems
building services
facilities planning
maintenance engineering
office environment
DEU Anlagenverwaltung
DSY Gebäudeverwaltung

facilities planning
BT planning
PT planning
RT assembly planning
facilities
facilities layout
facilities management
facility location
production facilities
production management
production planning
DEU Anlagenplanung

facility location
BT logistics
operations research
SY *depot location*
factory location
plant location
PT operations research
RT computer aided facilities layout
facilities
facilities planning
floods
land use planning
DEU Ausstattungsbestimmung

facility management
USE facilities management

facsimile
BT telecommunication services
SY *fax*
RT electronic mail
electronic messaging
facsimile equipment
office automation
subscriber loops
transmission
DEU Faksimiletelegraphie

facsimile document reproduction
USE photocopying

facsimile equipment
BT telecommunication equipment
RT facsimile
DEU Faksimilebildgerät

factographic databases
BT information retrieval systems
SY *non-bibliographic databases*
PT information retrieval systems
DEU faktografische Datenbank
DSY faktographische Datenbank

factories
USE production facilities

factorisation (matrix)
USE matrix decomposition

factorization (matrix)
USE matrix decomposition

factory automation
BT automation
NT computer integrated manufacturing
flexible manufacturing systems
industrial control
workflow management software
UF *intelligent buildings / building management systems + factory automation + home automation + office automation*
UF *manufacturing automation protocol / factory automation + industrial control + local area networks + protocols*
UF *MAP / factory automation + industrial control + local area networks + protocols*
PT manufacturing computer control
RT industrial manipulators
manufacture
warehouse automation
DEU Fabrikautomatisierung

factory location
USE facility location

FACTS
USE flexible AC transmission systems

faculae
USE photosphere
+ solar activity
DEU Sonnenfackel

fading
NT fading channels
RT absorption
adjacent channel interference
AWGN (additive white Gaussian noise)
cochannel interference
differential detection
distortion
diversity reception
electromagnetic wave absorption
indoor radio
ionospheric electromagnetic wave propagation
multipath channels
radiowave propagation
Rayleigh channels
reception
Rician channels
time-varying channels
DEU Schwund
DSY Verblassen

fading channels
BT fading
wireless channels
NT Nakagami channels
Rayleigh channels
Rician channels
PT fading
telecommunication channels
RT AWGN channels
channel estimation
cooperative communication
dispersive channels
Gaussian channels
multipath channels
multiuser detection
precoding
time-varying channels
DEU Schwundkanal

Fällen einer Entscheidung
DUS für decision making

Fällung
DUS für precipitation

Fällung (physikalische Chemie)
DUS für precipitation (physical chemistry)
precipitation (physical chemistry)

Färben
DEU for dyeing

Fahrantriebsmotor
DEU for traction motor drives

fahrbare Antenne
DUS für mobile antennas

Fahrerinformationssystem
DEU for driver information systems

Fahrmotor
DEU for traction motors

Fahrmotorschutz
DEU for traction motor protection

Fahrplan
DUS für scheduling

Fahrrad
DEU for bicycles

Fahrstuhl
DUS für lifts

Fahrzeug
DEU for vehicles

Fahrzeugantenne
DUS für mobile antennas

Fahrzeugbau
DUS für automobile industry

Fahrzeugbauteil
DUS für automotive components

Fahrzeugbestandteil
DUS für automotive components

Fahrzeugdynamik
DEU for vehicle dynamics

Fahrzeugelektrik
DUS für automotive electrics

Fahrzeugelektronik
DUS für automotive electronics

Fahrzeugführung
DEU for vehicle routing

Fahrzeugindustrie
DUS für automobile industry

Fahrzeugmaterial
DUS für automotive materials

Fahrzeugwechselstromgenerator
DUS für AC generators

Fahrzeugwerkstoff
DUS für automotive materials

failure (computers)
USE system recovery

failure (mechanical)
BT mechanical properties
PT fracture
mechanical strength
plastic deformation
RT durability
fracture
mechanical strength
plastic deformation
DEU Fehler (mechanisch)

failure (telecommunication networks)
USE telecommunication network reliability

failure analysis
NT fault trees
UF *forensic engineering / accidents + failure analysis + forensic science + law*
RT corrosion
diagnostic expert systems
diagnostic reasoning
electrical faults
electromigration
electrostatic discharge
fault diagnosis
reliability
remaining life assessment
warranties
wear
Weibull distribution
DEU Fehleranalyse (Technik)
DSY Fehleranalyseverfahren

failure safety
BT safety
DEU Fehlersicherheit

Faksimilebildgerät
DEU for facsimile equipment

Faksimiletelegraphie
DEU for facsimile

faktografische Datenbank
DEU for factographic databases

faktographische Datenbank
DUS für factographic databases

Fakturieren
DEU for invoicing

Fakturierung
DUS für invoicing

fallbasiertes Schließen
DEU for case-based reasoning

fallout
USE air pollution
\+ atmospheric radioactivity
\+ radioactive pollution

Fallschirm
DEU for parachutes

Falschlicht
DEU for stray light

faltbare Form
DEU for inflatable structures

faltbare Struktur
DUS für inflatable structures

Faltung
DEU for convolution

Faltungscode
DEU for convolutional codes

Fano effect
USE electron spin polarisation
\+ photoemission

fans
BT machinery
RT air conditioning
blades
cooling
jet engines
rotors (mechanical)
ventilation
DEU Gebläse

far infrared lasers
USE submillimetre wave lasers

Faraday effect
BT magneto-optical effects
SY *Faraday rotation*
Verdet constant
PT magneto-optical effects
RT light polarisation
optical rotation
DEU Faraday-Effekt

Faraday rotation
USE Faraday effect

Faraday-Effekt
DEU for Faraday effect

Farbauftragen
DUS für painting

Farbbildanalyse
DUS für image colour analysis

Farbbilddarstellung
DEU for colour graphics

Farbbildschirm
DEU for colour displays

Farbdisplay
DUS für colour displays

Farbe
DEU for colour

Farbe (Überzug)
DEU for dyes

Farbfernsehbildröhre
DUS für television picture tubes

Farbfotografie
DEU for colour photography

Farbgrafik
DUS für colour graphics

Farbgraph
DEU for graph colouring

Farbgraphik
DUS für colour graphics

Farbmessgerät
DUS für colorimeters

Farbmessung
DUS für colorimetry

Farbmodell
DEU for colour model

Farbphotographie
DUS für colour photography

Farbsehen
DEU for colour vision

farbsensitive Solarzelle
DEU for dye-sensitised solar cells

Farbstoff
DUS für dyes

Farbstofflaser
DEU for dye lasers

Farbüberzug
DEU for paints

Farbwahrnehmung
DUS für colour vision

farbzentrierter Laser
DEU for colour centre lasers

Farbzentrum
DEU for colour centres
colour centres

farming
NT agriculture
aquaculture
dairying
organic farming
SY *livestock*
PT agriculture
RT agricultural machinery
crops
forestry
horticulture
wool
DEU Landbau
DSY Landbewirtschaftung

Faser
DEU for fibres

Faserlaser
DEU for fibre lasers

Fasermantel
DEU for optical fibre cladding

Faseroptikgyroscope
DEU for fibre optic gyroscopes

faseroptische Fernmessung
DEU for optical fibre telemetry

faseroptische Nachrichtenübertragung
DEU for optical fibre communication

faseroptische Unteranbieterschleife
DEU for optical fibre subscriber loops

faseroptischer Kreisel
DUS für fibre optic gyroscopes

faseroptischer Sensor
DEU for fibre optic sensors

faseroptischer Verstärker
DEU for optical fibre amplifiers

faseroptisches Gyroskop
DUS für fibre optic gyroscopes

faseroptisches Kreiselmessgerät
DUS für fibre optic gyroscopes

faseroptisches Präzisionsmessgerät
DUS für fibre optic gyroscopes

faseroptisches Radio
DEU for radio-over-fibre

Faserschutzhülle
DUS für optical fibre cladding

Faserumhüllung
DUS für optical fibre cladding

Faserummantelung
DUS für optical fibre cladding

faserverstärkter Kunststoff
DEU for fibre reinforced plastics

faserverstärkter Verbundwerkstoff
DEU for fibre reinforced composites

fast breeder reactors
USE liquid metal fast breeder reactors

fast Fourier transforms
BT Fourier transforms
NT discrete Fourier transforms
SY *FFT*
DEU schnelle Fourier-Transformation

fast frequency hopping
USE frequency hop communication

fast frequency shift keying
USE minimum shift keying

fast ion conductors
USE solid electrolytes
+ superionic conductivity

fast packet switching
USE packet switching

fast-response computer systems
DEU Schnellantwortcomputer

Fastbus
BT system buses
PT system buses
DEU Fastbus (Bussystem)

Fastbus (Bussystem)
DEU for Fastbus

fasteners
BT mechanical products
SY *bolts*
nuts (fasteners)
screws
zip fasteners
RT adhesives
anchors
assembling
chains
couplings
explosive actuated equipment
joining processes
keys (locking)
nailing
riveting
stapling
strapping
welding
DEU Befestigung
DSY Beschlag
Halterung
Verschluss

fastening
USE joining processes

fatigue
BT fracture
NT corrosion fatigue
fatigue cracks
UF *contact fatigue / fatigue + wear*
RT Bauschinger effect
fatigue testing
plastic deformation
shot peening
stress corrosion cracking
thermal stress cracking
DEU Ermüdung

fatigue cracks
BT cracks
fatigue
PT cracks
fatigue
RT surface cracks
DEU Ermüdungsriss
DSY Schwingungsriss

fatigue testing
BT dynamic testing
RT fatigue
DEU Dauerschwingprüfung
DSY Dauerschwingtest

fatigue, dielectric
USE dielectric hysteresis

fatigue, thermal
USE thermal stress cracking

fats
BT chemical products
food products
organic compounds
RT biological tissues
greases
oils
DEU Fett

fault current limiters
BT current limiters
fault currents
NT superconducting fault current limiters
PT current limiters
fault currents
RT current limiting reactors
overcurrent protection
power system protection
DEU Fehlerstrombegrenzer

fault currents
BT electric current
electrical faults
NT fault current limiters
flashover
leakage currents
short-circuit currents
RT arcs (electric)
corona
current limiters
discharges (electric)
earthing
electric breakdown
protection
DEU Fehlerstrom

fault detection
USE fault diagnosis

fault diagnosis
NT fault location
fault simulation
SY *fault detection*
fault diagnosis and isolation
UF *stuck-at faults / fault diagnosis + logic testing*
UF *stuck-open faults / fault diagnosis + logic testing*
PT failure analysis
fault location
RT automatic test pattern generation

cause-effect analysis
condition monitoring
electrical maintenance
failure analysis
fault tolerance
maintenance engineering
power distribution faults
power generation faults
power system faults
power transmission faults
reliability
testing
DEU Fehlerdiagnose

fault diagnosis and isolation
USE fault diagnosis

fault location
BT electrical faults
fault diagnosis
SY *electrical fault location*
UF *servicing / fault location + maintenance engineering*
RT cables (electric)
circuit analysis computing
fault simulation
fault trees
insulation testing
power distribution faults
power generation faults
power system faults
power transmission faults
DEU Fehlerortung

fault simulation
BT fault diagnosis
simulation
PT fault diagnosis
fault location
logic testing
RT circuit analysis computing
digital simulation
fault location
integrated circuit testing
logic CAD
logic testing
DEU Fehlersimulation

fault tolerance
BT reliability
NT fault tolerant computing
fault tolerant control
RT fault diagnosis
redundancy
DEU Fehlertoleranz

fault tolerant computing
BT fault tolerance
NT software fault tolerance
SY *autonomic computing*
self-healing systems (computing)
self-managing systems (computing)
self-stabilising systems (computing)
PT reliability
RT computer network reliability
error correction
fault tolerant control
reconfigurable architectures
redundancy
software reliability
system recovery
DEU fehlertolerante Computeranwendung
DSY fehlertolerante Rechneranwendung

fault tolerant control
BT fault tolerance
PT fault tolerance
RT fault tolerant computing
redundancy
robust control
stability
DEU Fehlertoleranzkontrolle
DSY tolerante Fehlerkontrolle

fault trees
BT failure analysis
reliability
trees (mathematics)
SY *event trees*
PT failure analysis
reliability
trees (mathematics)
RT fault location
fission reactor safety
reliability theory
safety
DEU Fehlerbaum
DSY Fehlerbaumanalyse

faulting
BT tectonics
SY *faults, geophysical*
rifting
PT tectonics
RT earthquakes
DEU Verwerfung (seismisch)

faults, electrical
USE electrical faults

faults, geophysical
USE faulting

fax
USE facsimile

FBG
USE Bragg gratings

FBR (nuclear)
USE liquid metal fast breeder reactors

FCA (computing)
USE formal concept analysis

FD-TD analysis
USE finite difference time-domain analysis

FDDI
BT telecommunication standards
SY *fiber distributed data interface*
fibre distributed data interface
PT optical links
standards
token networks
RT local area networks
network interfaces
optical fibre LAN
optical links
protocols
token networks
DEU FDDI (Faserleiter)
DSY FDDI (Fiber Distributed Data Interface)
Glasfaser-Interface
Glasfaserschnittstelle

FDDI (Faserleiter)
DEU for FDDI

FDDI (Fiber Distributed Data Interface)
DUS für FDDI

FDM
USE frequency division multiplexing

FDM/TDM translation
USE transmultiplexing

FDMA
USE frequency division multiple access

FDTD analysis
USE finite difference time-domain analysis

Fe (chemical element)
USE iron
DEU Fe (chemisches Element)

Fe (chemisches Element)
DEU for Fe (chemical element)

FEA
USE finite element analysis

feature detection
USE feature extraction

feature extraction
BT pattern recognition
SY *feature detection*
PT computerised pattern recognition
pattern recognition
RT affine transforms
edge detection
feature selection
Gabor filters
geophysical image processing
hyperspectral imaging
image recognition
independent component analysis
iris recognition
mixture models
palmprint recognition
pedestrians
principal component analysis
retinal recognition
signal classification
speech recognition
text detection
vein recognition
DEU Charakteristikaextraktion
DSY Eigenschaftswertauffindung
Ermittlung von Merkmalen
Extraktion eines Merkmals
Kennzeichenextrahierung
Merkmalsbestimmung
Merkmalsermittlung
Merkmalsextrahierung
Merkmalsextraktion
Merkmalsextraktionsverfahren

feature maps, self-organising
USE self-organising feature maps

feature selection
BT pattern recognition
PT feature extraction
RT data mining
feature extraction
image classification
image recognition
learning (artificial intelligence)

pattern classification
statistical analysis
support vector machines
DEU Merkmalsselektion

Feder (mechanisch)
DEU for springs (mechanical)

federated databases
USE distributed databases

Federdruck
DUS für pressure

Federung (mechanisches Element)
DUS für suspensions (mechanical components)

feed safety
BT safety
DEU Futtermittelsicherheit

feedback
NT circuit feedback
force feedback
optical feedback
state feedback
SY *negative feedback*
output feedback
positive feedback
RT cascade control
cascade systems
closed loop systems
compensation
control theory
cybernetics
decision feedback equalisers
feedforward
uncertain systems
DEU Bewertung
DSY Reaktion
Resonanzreaktion
Rückinformation
Rückkopplung
Rückmeldung

feedback amplifiers
BT amplifiers
circuit feedback
PT feedback
RT operational amplifiers
DEU Koppelverstärker
DSY Rückkoppelverstärker
Rückkopplungsverstärker

feedback circuits
USE circuit feedback

feedback neural nets
USE recurrent neural nets

feedback oscillators
BT circuit feedback oscillators
SY *distributed feedback oscillators*
PT feedback
DEU Koppeloszillator
DSY Rückkoppelschwinger
Rückkopplungsschwinger

feedforward
NT feedforward amplifiers
feedforward neural nets
RT control systems
feedback
open loop systems
process control
DEU Feedforward (Elektrotechnik)
DSY Mitkopplung
Vorkopplung
Vorwärtskopplung

Feedforward (Elektrotechnik)
DEU for feedforward

feedforward amplifiers
BT amplifiers
feedforward
PT amplifiers
feedforward
RT linearisation techniques
power amplifiers
radiofrequency amplifiers
DEU mitgekoppelter Verstärker
DSY vorwärtsgekoppelter Verstärker
Vorwärtskoppelverstärker
Vorwärtsverstärker

feedforward neural nets
BT feedforward
neural nets
NT multilayer perceptrons
radial basis function networks
PT neural nets
RT learning (artificial intelligence)
perceptrons
wavelet neural nets
DEU mitgekoppeltes Neuronalnetzwerk
DSY vorwärtsgekoppeltes neuronales Netz

feeds, antenna
USE antenna feeds

FEELS
USE electron energy loss spectra

Fehlabsorptionsspektrum
DEU for defect absorption spectra

Fehler (allgemein)
DEU for errors

Fehler (mechanisch)
DEU for failure (mechanical)

Fehlerabsorptionsspektrum
DUS für defect absorption spectra

Fehleranalyse (Mathematik)
DEU for error analysis

Fehleranalyse (Programmierung)
DUS für program debugging

Fehleranalyse (Technik)
DEU for failure analysis

Fehleranalyseverfahren
DUS für failure analysis

Fehlerbaum
DEU for fault trees

Fehlerbaumanalyse
DUS für fault trees

Fehlerbehandlung
DEU for error handling

Fehlerdiagnose
DEU for fault diagnosis

Fehlererkennung
DEU for error detection

Fehlererkennungscode
DEU for error detection codes

Fehlerkompensation
DEU for error compensation

Fehlerkorrektur
DEU for error correction

Fehlerkorrekturcode
DEU for error correction codes

Fehlerortung
DEU for fault location

Fehlersicherheit
DEU for failure safety

Fehlersimulation
DEU for fault simulation

Fehlerstatistik
DEU for error statistics

Fehlerstrom
DEU for fault currents

Fehlerstrombauelement
DEU for residual current devices

Fehlerstrombegrenzer
DEU for fault current limiters

Fehlerstromschaltkreis
DUS für residual current devices

Fehlerstromschaltung
DUS für residual current devices

fehlertolerante Computeranwendung
DEU for fault tolerant computing

fehlertolerante Rechneranwendung
DUS für fault tolerant computing

Fehlertoleranz
DEU for fault tolerance

Fehlertoleranzkontrolle
DEU for fault tolerant control

Fehlstelle (Kristall)
DEU for vacancies (crystal)

Fehlstellenbeweglichkeit
DEU for hole mobility

Fehlstellendichte
DEU for hole density

Fehlstellenfalle
DEU for hole traps

Fehlstellenmobilität
DUS für hole mobility

Fehlstellenverdichtungsschleife
DEU for vacancy condensation loops

Fehlstellenverscheibungswechselwirkun g
DEU for vacancy-dislocation interactions

Fein-Stick-Technologie
DEU for fine-pitch technology

Feinabstandskontaktierung
DUS für fine-pitch technology

Feinbohren
DEU for boring

Feinbohrmaschine
DUS für boring machines

feiner Kontaktabstand
DUS für fine-pitch technology

feiner Zustand
DEU for dressed states

Feingießverfahren
DEU for investment casting

Feinkontakttechnik
DUS für fine-pitch technology

Feinkontakttechnologie
DUS für fine-pitch technology

Feinrasterkontaktierung
DUS für fine-pitch technology

Feinstanzpresse
DUS für presses

Feinstruktur
DEU for fine structure

Feinverteilung
DUS für dispersion (wave)

Feinwerktechnik
DEU for precision engineering

FEL
USE free electron lasers

Feld (Datentyp)
DEU for arrays

Feld (Physik)
DUS für arrays

Feldaufzeichnung
DEU for field plotting

Feldbus
DEU for field buses

Feldeffekt-Emitter
DEU for field emitter arrays

Feldeffekt-MIMC
DEU for field effect MMIC

Feldeffekt-MIMIC
DEU for field effect MIMIC

Feldeffektgerät
DEU for field effect devices

Feldeffektleistungstransistor
DEU for power field effect transistors

Feldeffektlogikschaltkreis
DEU for field effect logic circuits

Feldeffektlogikschaltung
DUS für field effect logic circuits

Feldeffektspeicherschaltkreis
DEU for field effect memory circuits

Feldeffektspeicherschaltung
DUS für field effect memory circuits

Feldeffekttransistor
DEU for field effect transistors

Feldeffekttransistorschalter
DEU for field effect transistor switches

Feldeffekttranssistorschaltkreis
DEU for field effect transistor circuits

Feldeffekttranssistorschaltung
DUS für field effect transistor circuits

Feldelektronenemission
DEU for electron field emission

Feldelektronenmikroskop
DEU for field emission electron microscopes

Feldelektronenmikroskopie
DEU for field emission electron microscopy

Feldemission
DEU for field emission

Feldemissionionenmikroskopie
DEU for field emission ion microscopy

Feldemissionsanordnung
DUS für field emitter arrays

Feldemissionsbildschirm
DEU for field emission displays

Feldemissionsmikroskop
DEU for field emission microscopes

Feldemitteranordnung
DUS für field emitter arrays

Feldgleichung
DEU for field equations

Feldionenemission
DEU for field ion emission

Feldionenemissionsmikroskop
DEU for field emission ion microscopes

Feldionenmikroskop
DUS für field emission ion microscopes

Feldionenmikroskopie
DEU for field ion microscopy

Feldionisation
DEU for field ionisation

Feldmagnetismus
DEU for rock magnetism

Feldplotting
DUS für field plotting

feldprogrammierbare Analogschaltung
DEU for field programmable analogue arrays

feldprogrammierbare Gate-Array-Schaltung
DEU for field programmable gate arrays

feldprogrammierbarer Analogschaltkreis
DUS für field programmable analogue arrays

Feldquetschungsumkehr
DEU for reversed field pinch

Feldstärkemessung
DEU for field strength measurement

Feldtheorie (elektrisches Feld)
DUS für electromagnetic field theory

Feldverdampfung
DEU for field evaporation

Feldverdunstung
DUS für field evaporation

Feldzeichnung
DUS für field plotting

Fels
DEU for rocks

Felsdruck
DUS für pressure

FEM (electron microscopy)
USE field emission electron microscopy

FEM (Finite-Element-Methode)
DUS für finite element analysis

FEM (numerical analysis)
USE finite element analysis

femtocellular radio
BT cellular radio
PT cellular radio
RT 3G mobile communication
indoor radio
radiowave propagation
DEU femtozellularer Funk
DSY femtozellulares Radio

femtozellularer Funk
DEU for femtocellular radio

femtozellulares Radio
DUS für femtocellular radio

fences, electric
USE electric fences

Fenster (Bauelement)
DEU for windows (construction)

fermentation
BT brewing industry
chemical technology
PT brewing industry

chemical technology
RT biocontrol
bioreactors
chemical industry
chemical variables control
food processing industry
wine industry
DEU Fermentierung

Fermentierung
DEU for fermentation

Fermi energy
USE Fermi level

Fermi gas
USE fermion systems

Fermi level
BT energy states
SY *Fermi energy*
RT conduction bands
electronic density of states
electronic structure
DEU Fermi-Niveau

Fermi liquid
BT fermion systems
PT fermion systems
RT electron gas
heavy fermion systems
Kondo effect
liquid helium-3
quasiparticles
strongly correlated electron systems
superconductivity
DEU Fermi-Flüssigkeit

Fermi resonance
BT resonance
vibrational states
PT molecular vibration resonance
RT resonant states
DEU Fermi-Resonanz

Fermi surface
BT energy states
RT band structure
Brillouin zones
cyclotron resonance
de Haas-van Alphen effect
electronic density of states
metal theory
DEU Fermi-Oberfläche

Fermi-Dirac statistics
USE fermion systems
\+ quantum statistical mechanics

Fermi-Flüssigkeit
DEU for Fermi liquid

Fermi-Niveau
DEU for Fermi level

Fermi-Oberfläche
DEU for Fermi surface

Fermi-Resonanz
DEU for Fermi resonance

Fermi-Thomas model
USE Thomas-Fermi model

Fermion
DEU for fermions

fermion systems
BT quantum fluids
NT composite fermions
electron gas
Fermi liquid
heavy fermion systems
liquid helium-3
Luttinger liquid
SY *Fermi gas*
UF *Fermi-Dirac statistics / fermion systems + quantum statistical mechanics*
RT fermions
quantum statistical mechanics
DEU Fermion-System

Fermion-System
DEU for fermion systems

Fermionenverbund
DEU for composite fermions

fermions
BT elementary particles
NT baryons
leptons
quarks (elementary particle)
RT fermion systems
quantum statistical mechanics
DEU Fermion

fermium
BT actinides
transuranes
SY *Fm (chemical element)*
RT fermium compounds

DEU Fermium

fermium compounds
BT actinide compounds
RT fermium
DEU Fermiumverbindung

Fermiumverbindung
DEU for fermium compounds

Fermium
DEU for fermium

fernbedienbare Handhabevorrichtung
DEU for remote handling equipment

fernbedienbare Handhabungsvorrichtung
DUS für remote handling equipment

fernbedientes Fahrzeug
DEU for remotely operated vehicles

Fernbedienung
DEU for remote handling

Fernbedienung (Gerät)
DEU for remote control

Fernbedienungsanlage
DUS für remote handling equipment

Fernbedienungsausrüstung
DUS für remote handling equipment

Fernbedienungskonsole
DEU for remote consoles

Fernbedienungsvorrichtung
DUS für remote handling equipment

Fernerkundung
DEU for remote sensing

Fernerkundung mit Laserstrahlen
DEU for remote sensing by laser beam

Fernerkundung mit Radar
DEU for remote sensing by radar

ferngesteuerte Bearbeitung
DUS für remote handling

ferngesteuertes Handhaben
DUS für remote handling

Fernhandhabung
DUS für remote handling

Fernhandhabungstechnik
DUS für remote handling equipment

Fernkonferenz
DEU for teleconferencing

Fernleihe
DUS für interlibrary loan

Fernmanipulation
DUS für remote handling

Fernmanipulieren
DUS für remote handling

Fernmeldeausrüstung
DEU for telecommunication equipment

Fernmeldedienst
DEU for telecommunication services

Fernmeldekanal
DEU for telecommunication channels

Fernmeldesignal
DEU for telecommunication signalling

Fernmeldeverbindung
DEU for telecommunication links

Fernmessung zur See
DEU for marine telemetry

Fernordnung
DEU for long-range order

Fernprozeduraufruf
DEU for remote procedure calls

Fernrohr
DEU for telescopes

Fernschreiber
DEU for teleprinters

Fernsehantenne
DEU for television antennas

Fernsehanwendung
DEU for television applications

Fernsehausrüstung
DEU for television equipment

Fernsehbildröhre
DUS für television picture tubes

Fernsehbildschirm
DEU for television displays

Fernsehempfänger
DEU for television receivers

Fernsehempfang
DEU for television reception

Fernsehen
DEU for television

Fernseher
DUS für television receivers

Fernsehfilmherstellung
DEU for telefilming

Fernsehgerät
DUS für television receivers

Fernsehinterferenz
DEU for television interference

Fernsehkamera
DEU for television cameras

Fernsehkameraröhre
DEU for television camera tubes

Fernsehnetz
DEU for television networks

Fernsehnorm
DEU for television standards

Fernsehproduktion
DEU for television production

Fernsehrundfunk
DEU for television broadcasting

Fernsehrundfunktechnik
DUS für television broadcasting

Fernsehsender
DEU for television transmitters

Fernsehstandard
DUS für television standards

Fernsehstation
DEU for television stations

Fernsehstudio
DEU for television studios

Fernsehüberwachung
DEU for closed circuit television

Fernsehwahrnehmung
DUS für television reception

Fernsprechanlage
DEU for telephone equipment

Fernsprechen
DEU for telephony

Fernsprecher
DUS für telephone equipment

Fernsprecher
DEU for telephone sets

Fernsprechgerät
DUS für telephone equipment

Fernsprechinterferenz
DEU for telephone interference

Fernsprechleitung
DEU for telephone lines

Fernsprechnetz
DEU for telephone networks

Fernsprechsicherheit
DEU for telecommunication security

Fernsprechverkehr
DEU for telephone traffic

Fernsprechverkehrsaufzeichnung
DEU for telephone traffic recording

Fernsprechvermittlung
DEU for telephone exchanges

Fernsteuerausrüstung
DEU for telecontrol equipment

Fernsteuerausstattung
DUS für telecontrol equipment

Fernsteuereinrichtung
DUS für telecontrol equipment

Fernsteuergerät
DUS für telecontrol equipment

Fernsteuerung
DEU for telecontrol

Fernsteuerungausrüstung
DUS für telecontrol equipment

Fernsteuerungausstattung
DUS für telecontrol equipment

Fernsteuerungeinrichtung
DUS für telecontrol equipment

Fernunterricht
DEU for distance learning

Fernwärme
DEU for district heating

Fernwirkausrüstung
DUS für telecontrol equipment

Ferquenzmodulationsradar
DEU for FM radar

ferrimagnetic materials
BT ferrimagnetism
magnetic materials
NT ferrites
garnets
PT ferrimagnetic properties of substances
RT ferrimagnetic resonance
magnetic semiconductors
DEU ferrimagnetischer Werkstoff
DSY ferrimagnetisches Material

ferrimagnetic resonance
BT magnetic resonance
RT ferrimagnetic materials
ferrimagnetism
DEU ferrimagnetische Resonanz

ferrimagnetische Resonanz
DEU for ferrimagnetic resonance

ferrimagnetischer Werkstoff
DEU for ferrimagnetic materials

ferrimagnetisches Material
DUS für ferrimagnetic materials

ferrimagnetism
BT magnetism
NT ferrimagnetic materials
RT ferrimagnetic resonance
ferrites
garnets
magnons
spin waves
DEU Ferrimagnetismus

Ferrimagnetismus
DEU for ferrimagnetism

Ferrite
DEU for ferrites

ferrite Anwendung
DEU for ferrite applications

ferrite applications
DEU ferrite Anwendung

ferrite circulators
BT circulators
ferrite devices
PT circulators (microwave)
ferrite devices
DEU Ferritzirkulator

ferrite devices
BT magnetic devices
NT ferrite circulators
ferrite filters
ferrite isolators
ferrite phase shifters
ferrite waveguides
ferrite-loaded waveguides
PT ferrite applications
RT ferrites
magnetic cores
magnetic microwave devices
magnetic millimetre wave devices
magnetostatic wave devices
phase shifters
waveguide components
DEU ferrites Bauelement

ferrite filters
BT ferrite devices
filters
PT ferrite devices
microwave filters
RT microwave filters
millimetre wave filters
DEU ferriter Filter

ferrite isolators
BT ferrite devices
microwave isolators
PT ferrite devices
microwave isolators
RT magneto-optical isolators
DEU ferriter Isolator

ferrite phase shifters
BT ferrite devices
phase shifters
PT ferrite devices
phase shifters
RT microwave phase shifters
millimetre wave phase shifters
UHF phase shifters
DEU ferriter Phasenverschieber
DSY Ferritphasenschieber

ferrite waveguides
BT ferrite devices
waveguides
PT ferrite devices
RT circular waveguides
ferrite-loaded waveguides
DEU Ferritwellenleiter

ferrite-loaded waveguides
BT ferrite devices
waveguides
PT dielectric-loaded waveguides
ferrite devices
RT dielectric-loaded waveguides
ferrite waveguides
DEU ferritgeladener Wellenleiter

ferriter Filter
DEU for ferrite filters

ferriter Isolator
DEU for ferrite isolators

ferriter Phasenverschieber
DEU for ferrite phase shifters

ferrites
BT ferrimagnetic materials
iron compounds
RT ferrimagnetism
ferrite devices
gyrators
powder cores
rare earth compounds
DEU Ferrite

ferrites Bauelement
DEU for ferrite devices

ferritgeladener Wellenleiter
DEU for ferrite-loaded waveguides

ferritic steel
USE steel

Ferritphasenschieber
DUS für ferrite phase shifters

Ferritwellenleiter
DEU for ferrite waveguides

Ferritzirkulator
DEU for ferrite circulators

ferroacoustic resonance
USE magnetoacoustic resonance

ferroceramics
USE ferroelectric ceramics

ferroelastic domains
USE domains
+ ferroelasticity

ferroelastic transitions
BT ferroelasticity
solid-state phase transformations
PT ferroelasticity
solid-state phase transformations
DEU ferroelastischer Übergang

ferroelasticity
BT elasticity
NT ferroelastic transitions
UF *ferroelastic domains / domains + ferroelasticity*
UF *ferroic materials / ferroelasticity + ferroelectric materials + multiferroics*
PT elasticity
RT elastic deformation
relaxor ferroelectrics
shape memory effects
DEU Ferroelastizität

ferroelastischer Übergang
DEU for ferroelastic transitions

Ferroelastizität
DEU for ferroelasticity

ferroelectric capacitors
BT capacitors
ferroelectric devices
PT ferroelectric devices
RT ceramic capacitors
ferroelectric storage
thin film capacitors
DEU ferroelektrischer Kondensator

ferroelectric ceramics
BT ceramics
ferroelectric materials
SY *ferroceramics*
PT ceramics
ferroelectric materials
piezoceramics
RT piezoceramics
relaxor ferroelectrics
DEU ferroelektrische Keramik

ferroelectric coercive field
BT ferroelectricity
SY *coercive field (ferroelectrics)*
DEU ferroelektrische Koerzitivfeld

ferroelectric Curie temperature
BT temperature
UF *Curie point / Curie temperature +*
ferroelectric Curie temperature
PT ferroelectric transitions
RT ferroelectric transitions
DEU ferroelektrische Curie-Temperatur

ferroelectric devices
BT dielectric devices
NT ferroelectric capacitors
ferroelectric displays
ferroelectric storage
RT ferroelectric materials
ferroelectricity
DEU ferroelektrisches Bauelement
DSY ferroelektrisches Gerät

ferroelectric displays
BT display devices
ferroelectric devices
PT ferroelectric devices
liquid crystal displays
RT ferroelectric liquid crystals
liquid crystal displays
DEU ferroelektrische Anzeige
DSY ferroelektrisches Display

ferroelectric domains
USE electric domains

ferroelectric hysteresis
USE dielectric hysteresis

ferroelectric liquid crystals
BT ferroelectric materials
liquid crystals
PT ferroelectric materials
liquid crystals
RT antiferroelectric liquid crystals
ferroelectric displays
liquid crystal on silicon
smectic liquid crystals
DEU ferroelektrisches Flüssigkristall

ferroelectric materials
BT dielectric materials
NT ferroelectric ceramics
ferroelectric liquid crystals
ferroelectric semiconductors
relaxor ferroelectrics
UF *ferroic materials / ferroelasticity +*
ferroelectric materials +
multiferroics
RT antiferroelectric materials
electric domain walls
electric domains
ferroelectric devices
ferroelectric thin films
ferroelectric transitions
ferroelectricity
multiferroics
piezoelectricity
DEU Ferroelektrikum
DSY ferroelektrischer Werkstoff
ferroelektrisches Material

ferroelectric memories
USE ferroelectric storage

ferroelectric phenomena
DEU ferroelektrisches Phänomen

ferroelectric semiconductors
BT ferroelectric materials
polar semiconductors
PT ferroelectric materials
semiconductor materials
DEU ferroelektrischer Halbleiter

ferroelectric storage
BT ferroelectric devices
SY *ferroelectric memories*
PT ferroelectric devices
RT digital storage
ferroelectric capacitors
ferroelectric switching
ferroelectric thin films
integrated memory circuits
MFIS structures
random-access storage
DEU ferroelektrischer Speicher

ferroelectric switching
BT ferroelectricity
switching
PT ferroelectric phenomena
RT ferroelectric storage
DEU ferroelektrischer Schalter

ferroelectric thin films
BT dielectric thin films
PT thin films
RT ferroelectric materials
ferroelectric storage
MFIS structures
spin coating
DEU ferroelektrische Dünnschicht

ferroelectric transitions
BT ferroelectricity
solid-state phase transformations
PT ferroelectric phenomena
solid-state phase transformations
RT commensurate-incommensurate transformations
critical fluctuations
displacive transformations
ferroelectric Curie temperature
ferroelectric materials
order-disorder transformations
relaxor ferroelectrics
DEU ferroelektrischer Übergang

ferroelectric-filled waveguides
USE dielectric-loaded waveguides

ferroelectricity
BT dielectric properties
NT ferroelectric coercive field
ferroelectric switching
ferroelectric transitions
PT ferroelectric phenomena
RT antiferroelectric materials
antiferroelectricity
dipole glasses
ferroelectric devices
ferroelectric materials
DEU Ferroelektrizität

Ferroelektrikum
DEU for ferroelectric materials

ferroelektrische Anzeige
DEU for ferroelectric displays

ferroelektrische Curie-Temperatur
DEU for ferroelectric Curie temperature

ferroelektrische Domäne
DEU for electric domains

ferroelektrische Dünnschicht
DEU for ferroelectric thin films

ferroelektrische Keramik
DEU for ferroelectric ceramics

ferroelektrische Koerzitivfeld
DEU for ferroelectric coercive field

ferroelektrischer Halbleiter
DEU for ferroelectric semiconductors

ferroelektrischer Kondensator
DEU for ferroelectric capacitors

ferroelektrischer Schalter
DEU for ferroelectric switching

ferroelektrischer Speicher
DEU for ferroelectric storage

ferroelektrischer Übergang
DEU for ferroelectric transitions

ferroelektrischer Werkstoff
DUS für ferroelectric materials

ferroelektrisches Bauelement
DEU for ferroelectric devices

ferroelektrisches Display
DUS für ferroelectric displays

ferroelektrisches Flüssigkristall
DEU for ferroelectric liquid crystals

ferroelektrisches Gerät
DUS für ferroelectric devices

ferroelektrisches Material
DUS für ferroelectric materials

ferroelektrisches Phänomen
DEU for ferroelectric phenomena

Ferroelektrizität
DEU for ferroelectricity

ferrofluids
USE magnetic fluids

ferrohydrodynamics
USE hydrodynamics
\+ magnetic fluids

ferroic materials
USE ferroelasticity
\+ ferroelectric materials
\+ multiferroics

ferromagnetic Curie temperature
USE Curie temperature

ferromagnetic materials
BT ferromagnetism
magnetic materials
SY *ferromagnetic metals*
UF *ferromagnets / ferromagnetic materials + ferromagnetism*
PT ferromagnetic properties of substances
RT Curie temperature
ferromagnetic relaxation
ferromagnetic resonance
magnetic semiconductors
magnetic superconductors
multiferroics
soft magnetic materials
DEU ferromagnetischer Stoff
DSY ferromagnetischer Werkstoff
ferromagnetisches Material

ferromagnetic metals
USE ferromagnetic materials

ferromagnetic relaxation
BT magnetic relaxation
RT ferromagnetic materials
ferromagnetic resonance
ferromagnetism
DEU ferromagnetische Entspannung

ferromagnetic resonance
BT magnetic resonance
SY *FMR*
spin wave resonance
RT ferromagnetic materials
ferromagnetic relaxation
ferromagnetism
ferroresonance
DEU ferromagnetische Resonanz

ferromagnetic-antiferromagnetic transitions
BT magnetic transitions
SY *antiferromagnetic-ferromagnetic transitions*
PT magnetic transitions of substances
RT metamagnetism
Morin temperature
DEU ferromagnetisch-antiferromagnetischer Übergang

ferromagnetic-paramagnetic transitions
BT magnetic transitions
SY *paramagnetic-ferromagnetic transitions*
PT magnetic transitions of substances
RT Curie temperature
DEU ferromagnetisch-paramagnetischer Übergang

ferromagnetisch-antiferromagnetischer Übergang
DEU for ferromagnetic-antiferromagnetic transitions

ferromagnetisch-paramagnetischer Übergang
DEU for ferromagnetic-paramagnetic transitions

ferromagnetische Entspannung
DEU for ferromagnetic relaxation

ferromagnetische Resonanz
DEU for ferromagnetic resonance

ferromagnetischer Stoff
DEU for ferromagnetic materials

ferromagnetischer Werkstoff
DUS für ferromagnetic materials

ferromagnetisches Material
DUS für ferromagnetic materials

ferromagnetism
BT magnetism
NT ferromagnetic materials
UF *ferromagnets / ferromagnetic materials + ferromagnetism*
RT Curie temperature
exchange interactions (electron)
ferromagnetic relaxation
ferromagnetic resonance
magnets
magnons
mictomagnetism
spin dynamics
spin fluctuations
spin waves
DEU Ferromagnetismus

Ferromagnetismus
DEU for ferromagnetism

ferromagnets
USE ferromagnetic materials
\+ ferromagnetism

ferrons
USE magnetic polarons

ferroresonance
BT resonance
NT ferroresonant circuits
RT circuit resonance
distribution networks
ferromagnetic resonance
potential transformers
power transformers
DEU Ferroresonanz

ferroresonant circuits
BT circuit resonance
ferroresonance
PT circuit resonance
RT magnetic circuits
nonlinear network analysis
power supplies to apparatus
power supply circuits
resonant invertors
resonant power convertors
voltage regulators
DEU ferroresonantes Bauelement

ferroresonantes Bauelement
DEU for ferroresonant circuits

Ferroresonanz
DEU for ferroresonance

ferrostatischer Druck
DUS für pressure

ferrous alloys
USE iron alloys

Fertigbau
DEU for prefabricated construction

Fertigmischmaterial
DEU for ready-mixed materials

Fertigmischung
DUS für ready-mixed materials

Fertigprodukt
DUS für manufactured products

Fertigstellen
DEU for finishing

Fertigung
DEU for manufacture

Fertigung elektronischer Ausrüstung
DEU for electronic equipment manufacture

Fertigung elektronischer Bauelemente
DUS für electronic equipment manufacture

Fertigung gedruckter Leiterplatten
DEU for printed circuit manufacture

Fertigung integrierter Schaltungen
DEU for integrated circuit manufacture

Fertigung optischer Teile
DEU for optical fabrication

Fertigungsablaufproblem
DUS für flow shop scheduling

Fertigungsablaufsystem
DUS für flow shop scheduling

Fertigungsanlage
DEU for production facilities

Fertigungsausrüstung
DEU for production equipment

Fertigungsdatenverarbeitung
DEU for manufacturing data processing

Fertigungserzeugnis
DUS für manufactured products

Fertigungsgebäude
DUS für production facilities

fertigungsgerechtes Konstruieren
DEU for design for manufacture

Fertigungsindustrie
DEU for manufacturing industries

Fertigungsmanagementsoftware
DUS für workflow management software

Fertigungsmaterial
DEU for production materials

Fertigungsplanung
DEU for production planning

Fertigungsplanungsproblem
DUS für job shop scheduling

Fertigungsprodukt
DUS für manufactured products

Fertigungsprozess
DEU for manufacturing processes

Fertigungsresourcenplanung
DUS für manufacturing resources planning

Fertigungssteuerung
DEU for production control

Fertigungssystem
DEU for manufacturing systems

Fertigungstechnik
DEU for industrial engineering

Fertigungstechnik
DUS für production equipment

fertigungstechnische Computeranwendung
DUS für production engineering computing

fertigungstechnische Datenverarbeitung
DUS für production engineering computing

fertigungstechnische Rechneranwendung
DUS für production engineering computing

Fertigungswerkstoff
DUS für production materials

Fertigungszelle
DEU for cellular manufacturing

Fertigwareninventur
DEU for finished goods inventory

Fertigwarenlager
DEU for warehousing

fertilisers
BT agrochemicals
SY *fertilizers*
PT agriculture
RT agricultural pollution
agriculture
horticulture
DEU Düngemittel
DSY Dünger
Kunstdünger

fertilizers
USE fertilisers

Feshbach resonances
USE resonant states

Fest-Dampf-Umformung
DEU for solid-vapour transformations

Fest-Flüssig-Umformung
DEU for solid-liquid transformations

Fest-Gas-Umformung
DUS für solid-vapour transformations

Festbindungs-Berechnung
DUS für tight-binding calculations

Festbindungs-Kalkulation
DUS für tight-binding calculations

feste Lösung
DEU for solid solutions

feste Struktur
DEU for solid structure

Festelektrolyt
DEU for solid electrolytes

fester Wasserstoff
DEU for solid hydrogen

festes Helium
DEU for solid helium

Festfressen
DEU for seizure

Festkörper
DEU for solids

Festkörper-Szintillationszähler
DEU for solid scintillation detectors

Festkörperatomspurdetektor
DEU for solid-state nuclear track detectors

Festkörpergleichrichter
DEU for solid-state rectifiers

Festkörperhohlraum
DEU for voids (solid)

Festkörperkernspurdetektor
DUS für solid-state nuclear track detectors

Festkörperlaser
DEU for solid lasers

Festkörperlöslichkeit
DEU for solid solubility

Festkörperlücke
DUS für voids (solid)

Festkörpermodellierung
DEU for solid modelling

Festkörperphasenumwandlung
DEU for solid-state phase transformations

Festkörperplasma
DEU for solid-state plasma

Festkörpertheorie
DEU for solid theory

Festkommaarithmetik
DEU for fixed point arithmetic

Festlandoberflächentemperatur
DEU for land surface temperature

Festlandschutz
DEU for land cover

Festlösungshärten
DEU for solid solution hardening

Festoxidbrennstoffzelle
DEU for solid oxide fuel cells

Festoxidelektrolysezelle
DEU for solid oxide electrolysis cells

Festoxydelektrolysezelle
DUS für solid oxide electrolysis cells

Festphasenepitaxialwachstum
DUS für solid phase epitaxial growth

Festplatte
DEU for hard discs

Feststoff
DUS für solids

Feststoffverdampfung
DUS für solid-vapour transformations

Festwalzen
DUS für burnishing

FET
USE field effect transistors

FET-Logik mit direkter Kopplung
DUS für direct coupled FET logic

Fett
DEU for fats

fetuses
USE obstetrics

Feuchte
DEU for humidity

Feuchtegehalt
DEU for moisture

Feuchtemesser
DEU for hygrometers

Feuchtemessung
DEU for humidity measurement

Feuchtesensor
DEU for humidity sensors

Feuchtigkeit
DUS für humidity

Feuchtigkeitsgehalt
DUS für humidity

Feuchtigkeitskontrolle
DEU for humidity control

Feuchtigkeitsmessung
DEU for moisture measurement

Feuchtigkeitsregelung
DUS für humidity control

Feuchtigkeitssensor
DUS für humidity sensors

Feuchtigkeitssteuerung
DUS für humidity control

Feuchtigkeitssteuerung und -regelung
DUS für humidity control

Feuchtigkeitssteuerung
DEU for moisture control

Feuer
DUS für fires
wildfires

Feuer in freier Natur
DUS für wildfires

Feuerball-Modell (Elementarpartikel)
DEU for fireball model (elementary particles)

Feuerball-Modell (Elementarteilchen)
DUS für fireball model (elementary particles)

Feuerball-Modell (nuklear)
DEU for fireball model (nuclear)

feuerfestes Erzeugnis
DEU for refractories

Feuerschweißen
DEU for forge welding

Feuerungsmaterialaufbereitung
DUS für fuel processing

Feuerverzinken
DEU for hot dipping

Feuer
DEU for flames

few-nucleon reactions
USE nuclear reactions involving few nucleon systems

few-nucleon scattering
USE nuclear scattering involving few nucleon systems

few-nucleon systems
USE nuclei with mass number 1 to 5

Feynman diagrams
BT diagrams
elementary particle theory
quantum field theory
SY *penguin corrections*
PT quantum field theory
RT elementary particle interaction models
quantum electrodynamics
relativistic quantum field theory
DEU Feynman-Diagramm

Feynman gas model
BT statistical models (elementary particles)
PT statistical models
DEU Feynman-Gasmodell

Feynman-Diagramm
DEU for Feynman diagrams

Feynman-Gasmodell
DEU for Feynman gas model

FFT
USE fast Fourier transforms

FGD
USE flue gas desulphurisation

FGM
USE functionally graded materials

FHP motors
USE fractional-horsepower motors

FIB etching
USE focused ion beam technology
\+ sputter etching

FIB technology
USE focused ion beam technology

fiber Bragg gratings
USE Bragg gratings
\+ optical fibres

fiber distributed data interface
USE FDDI

fiber laser amplifiers
USE optical fibre amplifiers

fiber lasers
USE fibre lasers

fiber optic cables
USE optical cables

fiber optic gyroscopes
USE fibre optic gyroscopes

fiber optic positioners
USE astronomical instruments
\+ optical fibres

fiber optic sensors
USE fibre optic sensors

fiber optical amplifiers
USE optical fibre amplifiers

fiber optical waveguides
USE optical fibres

fiber optics
USE fibre lasers
+ fibre optic sensors
+ optical fibres

fiber reinforced composites
USE fibre reinforced composites

fiber reinforced plastics
USE fibre reinforced plastics

fiber-in-the-loop
USE optical fibre subscriber loops

fiber-to-the-building
USE optical fibre subscriber loops

fiber-to-the-curb
USE optical fibre subscriber loops

fiber-to-the-home
USE optical fibre subscriber loops

fiberoptische Fernmessung
DUS für optical fibre telemetry

fibers
USE fibres

Fibonacci sequences
BT sequences
RT fractals
quasicrystals
superlattices
DEU Fibonacci-Folge
DSY Fibonacci-Reihe

Fibonacci-Folge
DEU for Fibonacci sequences

Fibonacci-Reihe
DUS für Fibonacci sequences

fibre Bragg gratings
USE Bragg gratings
+ optical fibres

fibre distributed data interface
USE FDDI

fibre laser amplifiers
USE optical fibre amplifiers

fibre lasers
BT solid lasers
waveguide lasers
NT optical fibre amplifiers
SY *fiber lasers*
UF *fiber optics / fibre lasers* + *fibre optic sensors* + *optical fibres*
SY *optical fiber lasers*
optical fibre lasers
PT fibre optics
solid lasers
RT optical fibres
optical transmitters
DEU Faserlaser

fibre optic cables
USE optical cables

fibre optic gyroscopes
BT fibre optic sensors
gyroscopes
SY *fiber optic gyroscopes*
FOG (gyroscopes)
PT fibre optic sensors
gyroscopes
DEU Faseroptikgyroscope
DSY faseroptischer Kreisel
faseroptisches Gyroskop
faseroptisches Kreiselmessgerät
faseroptisches Präzisionsmessgerät

fibre optic positioners
USE astronomical instruments
+ optical fibres

fibre optic sensors
BT optical sensors
NT fibre optic gyroscopes
SY *evanescent wave sensors*
fiber optic sensors
UF *fiber optics / fibre lasers* + *fibre optic sensors* + *optical fibres*
SY *optical fiber sensors*
optical fibre sensors
optodes
optrodes
PT fibre optics
nonelectric sensing devices
RT distributed sensors
endoscopes
Fabry-Perot interferometers
intelligent sensors
light interferometers
Mach-Zehnder interferometers
magnetic sensors
magneto-optical sensors
Michelson interferometers
optical fibre telemetry
optical fibres
pressure sensors
Sagnac interferometers
strain sensors

temperature sensors
DEU faseroptischer Sensor

fibre optical amplifiers
USE optical fibre amplifiers

fibre optical waveguides
USE optical fibres

fibre reinforced composites
BT composite materials
NT carbon fibre reinforced composites
fibre reinforced plastics
glass fibre reinforced composites
woven composites
SY *fiber reinforced composites*
filament reinforced composites
metal matrix composites, fibre reinforced
whisker reinforced composites
PT composite materials
fibres
RT chemical vapour infiltration
composite material interfaces
fibres
DEU faserverstärkter Verbundwerkstoff

fibre reinforced plastics
BT fibre reinforced composites
plastics
polymers
NT carbon fibre reinforced plastics
glass fibre reinforced plastics
SY *fiber reinforced plastics*
PT fibre reinforced composites
RT filled polymers
woven composites
DEU faserverstärkter Kunststoff

fibre-in-the-loop
USE optical fibre subscriber loops

fibre-to-the-building
USE optical fibre subscriber loops

fibre-to-the-curb
USE optical fibre subscriber loops

fibre-to-the-home
USE optical fibre subscriber loops

fibres
BT materials
NT carbon fibres
glass fibres
nanofibres
natural fibres
optical fibres
polymer fibres
textile fibres
SY *bristles*
fibers
RT composite materials
fibre reinforced composites
textile industry
wool
DEU Faser

fibrinogen
USE proteins

field buses
BT peripheral interfaces
SY *instrumentation buses*
Profibus
PT peripheral interfaces
RT controller area networks
industrial control
local area networks
DEU Feldbus

field effect analogue integrated circuits
BT analogue integrated circuits
field effect integrated circuits
NT MOS analogue integrated circuits
PT field effect integrated circuits
linear integrated circuits
RT analogue processing circuits
DEU analoge integrierte Feldeffektschaltung
DSY analoger integrierter Feldeffektschaltkreis
integrierte analoge Feldeffektschaltung
integrierter analoger Feldeffektschaltkreis

field effect devices
BT semiconductor devices
NT field effect transistors
MIS devices
semiconductor-insulator-semiconductor devices
RT electric fields
field effect integrated circuits
DEU Feldeffektgerät

field effect digital integrated circuits
BT digital integrated circuits
field effect integrated circuits
NT field effect logic circuits
field effect memory circuits
MOS digital integrated circuits
PT digital integrated circuits
field effect integrated circuits
RT application specific integrated

circuits
DEU digitale integrierte Feldeffektschaltung
DSY digitaler integrierter Feldeffektschaltkreis
integrierte digitale Feldeffektschaltung
integrierter digitaler Feldeffektschaltkreis

field effect integrated circuits
BT monolithic integrated circuits
NT charge-coupled device circuits
field effect analogue integrated circuits
field effect digital integrated circuits
field effect MIMIC
field effect MMIC
HEMT integrated circuits
JFET integrated circuits
MESFET integrated circuits
MOS integrated circuits
PT monolithic integrated circuits
RT direct coupled FET logic
field effect devices
field effect transistor circuits
field effect transistors
MIS capacitors
MISFET
MMIC
DEU integrierte Feldeffektschaltung
DSY integrierter Feldeffektschaltkreis

field effect logic circuits
BT field effect digital integrated circuits
integrated logic circuits
NT MOS logic circuits
PT field effect integrated circuits
integrated logic circuits
RT application specific integrated circuits
DEU Feldeffektlogikschaltkreis
DSY Feldeffektlogikschaltung

field effect memory circuits
BT field effect digital integrated circuits
integrated memory circuits
NT MOS memory circuits
PT DRAM chips
field effect integrated circuits
integrated memory circuits
SRAM chips
RT DRAM chips
SRAM chips
DEU Feldeffektspeicherschaltkreis
DSY Feldeffektspeicherschaltung

field effect MIMIC
BT field effect integrated circuits
MIMIC
SY *millimetre wave field effect integrated circuits*
MM-wave field effect integrated circuits
PT MMIC
RT field effect MMIC
HEMT integrated circuits
MESFET integrated circuits
DEU Feldeffekt-MIMIC

field effect MMIC
BT field effect integrated circuits
MMIC
SY *microwave field effect integrated circuits*
PT MMIC
RT field effect MIMIC
HEMT integrated circuits
MESFET integrated circuits
DEU Feldeffekt-MIMC

field effect transistor circuits
BT transistor circuits
NT HEMT circuits
JFET circuits
MESFET circuits
MOSFET circuits
PT field effect transistors
RT field effect integrated circuits
field effect transistor switches
field effect transistors
DEU Feldeffekttranssistorschaltkreis
DSY Feldeffekttranssistorschaltung

field effect transistor switches
BT field effect transistors
semiconductor switches
SY *HEMT switches*
JFET switches
MESFET switches
MODFET switches
MOSFET switches
PT semiconductor switches
RT field effect transistor circuits
power field effect transistors
power semiconductor switches
DEU Feldeffekttransistorschalter

field effect transistors
BT field effect devices
transistors
NT carbon nanotube field effect transistors
field effect transistor switches

high electron mobility transistors
insulated gate field effect transistors
ion sensitive field effect transistors
junction gate field effect transistors
microwave field effect transistors
millimetre wave field effect transistors
organic field effect transistors
power field effect transistors
Schottky gate field effect transistors
static induction transistors
UHF field effect transistors
SY *FET*
RT field effect integrated circuits
field effect transistor circuits
MIS devices
DEU Feldeffekttransistor

field electron microscopy
USE field emission electron microscopy

field emission
BT electric field effects
emission
NT electron field emission
field evaporation
field ion emission
PT electron field emission
field ion emission
DEU Feldemission

field emission cathodes
USE cathodes
\+ electron field emission
\+ vacuum microelectronics

field emission displays
BT display devices
electron field emission
vacuum microelectronics
PT display devices
electron field emission
vacuum microelectronics
RT field emitter arrays
flat panel displays
DEU Feldemissionsbildschirm

field emission electron microscopes
BT electron microscopes
PT electron field emission
field emission microscopes
RT electron field emission
field emission electron microscopy
DEU Feldelektronenmikroskop

field emission electron microscopy
BT electron field emission
electron microscopy
SY *ballistic electron emission microscopy*
FEM (electron microscopy)
field electron microscopy
PT electron field emission
electron microscopy
field emission microscopes
RT field emission electron microscopes
DEU Feldelektronenmikroskopie

field emission ion microscopes
BT ion microscopes
PT field emission microscopes
ion microscopes
RT field emission ion microscopy
field ionisation
ion optics
DEU Feldionenemissionsmikroskop
DSY Feldionenmikroskop

field emission ion microscopy
BT field ion emission
ion microscopy
NT atom probe field ion microscopy
SY *FIM*
PT field ion microscopy
RT field emission ion microscopes
field ionisation
ion optics
DEU Feldemissionionenmikroskopie

field emission microscopes
DEU Feldemissionsmikroskop

field emitter arrays
BT arrays
electron field emission
vacuum microelectronics
PT vacuum microelectronics
RT field emission displays
DEU Feldeffekt-Emitter
DSY Feldemissionsanordnung
Feldemitteranordnung

field equations
BT equations
NT Einstein field equations
Einstein-Maxwell equations
sine-Gordon equation
DEU Feldgleichung

field evaporation
BT evaporation
field emission
PT electric field effects
evaporation
RT surface phenomena
DEU Feldverdampfung
DSY Feldverdunstung

field intensity patterns (antenna)
USE antenna radiation patterns

field interactions (condensed matter)
USE crystal field interactions

field ion emission
BT field emission
ion emission
NT field emission ion microscopy
liquid metal ion sources
PT electric field effects
ion emission
DEU Feldionenemission

field ion microscopy, atom-probe
USE atom probe field ion microscopy

field ion microscopy
DEU Feldionenmikroskopie

field ionisation
BT electric field effects
ionisation
SY *field ionization*
PT electric field effects
ionisation
RT field emission ion microscopes
field emission ion microscopy
DEU Feldionisation

field ionization
USE field ionisation

field measurement, electric
USE electric field measurement

field measurement, magnetic
USE magnetic field measurement

field oriented control
USE machine vector control

field plotting
RT electric field measurement
field strength measurement
magnetic field measurement
DEU Feldaufzeichnung
DSY Feldplotting
Feldzeichnung

field programmable analogue arrays
BT analogue processing circuits
arrays
programmable circuits
SY *FPAA*
PT analogue processing circuits
RT analogue integrated circuits
application specific integrated circuits
field programmable gate arrays
switched capacitor networks
DEU feldprogrammierbare Analogschaltung
DSY feldprogrammierbarer Analogschaltkreis

field programmable gate arrays
BT programmable logic arrays
SY *FPGA*
PT logic arrays
RT field programmable analogue arrays
reconfigurable architectures
DEU feldprogrammierbare Gate-Array-Schaltung

field reversed configurations
USE reversed field pinch

field strength measurement
BT measurement
NT electric field measurement
magnetic field measurement
RT antenna testing
electric fields
field plotting
magnetic fields
standing wave meters
DEU Feldstärkemessung

field theories, unified
USE unified field theories

field theory, classical
USE classical field theory

field theory, crystal
USE crystal field interactions

field theory, electromagnetic
USE electromagnetic field theory

field theory, meson
USE meson field theory

field theory, quantum
USE quantum field theory

Field-Noyes reaction
USE chemical equilibrium
+ chemical reactions
+ reaction kinetics theory

fields, electric
USE electric fields

fields, magnetic
USE magnetic fields

fifth force
USE intermediate range forces

fifth generation systems
BT digital computers
PT digital computers
RT artificial intelligence
computer architecture
logic programming
research initiatives
DEU Computer der 5. Generation
DSY Computer der fünften Generation
Rechner der 5. Generation
Rechner der fünften Generation
System der 5. Generation

fighter aircraft
USE military aircraft

filament lamps
BT lamps
SY *incandescent lamps*
PT lamps
DEU Glühlampe

filament reinforced composites
USE fibre reinforced composites

filament winding
USE forming processes

filamentation instability
BT plasma instability
PT plasma instability
RT plasma confinement
plasma fluctuations
plasma oscillations
DEU Filamentationsinstabilität

Filamentationsinstabilität
DEU for filamentation instability

filaments, solar
USE solar prominences

file management
USE file organisation
DEU Dateiverwaltung

file organisation
NT data structures
database management systems
naming services
storage management
SY *direct memory access*
file management
file organization
UF *hashing functions / cryptography* +
file organisation
SY *storage organisation*
storage organization
RT computers
data handling
memory architecture
storage allocation
virtual storage
DEU Dateiorganisation

file organization
USE file organisation

file servers
BT digital computers
network servers
SY *servers, file*
UF *Web servers / file servers* +
Internet
PT computer networks
data communication equipment
RT cloud computing
computer networks
data communication equipment
local area networks
virtualisation
DEU File-Server

file sharing
USE peer-to-peer computing

File-Server
DEU for file servers

filing systems (office)
USE records management

filled polymers
BT composite materials
polymers
NT polymer dispersed liquid crystals
UF *wood-plastic composites /*

ecocomposites + filled polymers + wood
PT composite materials
polymers
RT fibre reinforced plastics
nanocomposites
particle reinforced composites
semiconductor doped polymers
DEU gefülltes Polymer

filler metals
BT joining materials
RT brazing
metals
solders
welds
DEU Füllmaterial
DSY Füllstoff
Füllwerkstoff

filling
BT materials handling
RT containers
loading
packaging
DEU Abfüllen
DSY Füllen

Film (allgemein)
DUS für films

film badges
USE dosimeters

film blowing
USE blow moulding

film boiling
BT boiling
PT boiling
RT boiling point
evaporation
liquid films
DEU Filmsieden

film condensation
BT condensation
PT condensation
RT cooling
heat transfer
liquefaction
liquid films
DEU Filmkondensation

film flow
BT flow
RT liquid films
DEU Filmströmung

Filmkondensation
DEU for film condensation

filmless spark chambers
USE spark chambers

films
NT helium films
Langmuir-Blodgett films
liquid films
monolayers
optical films
polymer films
thick films
thin films
RT adsorbed layers
coating techniques
coatings
foils
interface phenomena
substrates
surface phenomena
DEU dünne Schicht
DSY Film (allgemein)

Filmsieden
DEU for film boiling

Filmströmung
DEU for film flow

Filmtechnik
DEU for motion picture photography

Filter (allgemein)
DEU for filters

filter banks
USE channel bank filters

filtering theory
BT information theory
NT particle filtering (numerical methods)
smoothing methods
PT filtering and prediction theory
RT adaptive filters
adaptive Kalman filters
adaptive signal detection
adaptive signal processing
discrete cosine transforms
discrete time filters
Gabor filters
H-infin filters
H2 filters
higher order statistics
Kalman filters
lattice filters

mathematical morphology
nonlinear estimation
nonlinear filters
prediction theory
programmable filters
quadrature mirror filters
random processes
recursive estimation
singular value decomposition
spatial filters
stack filters
time-frequency analysis
time-varying filters
transversal filters
Walsh functions
wavelet transforms
Wiener filters
DEU Filtertheorie

filters
BT networks (circuits)
NT acoustic filters
active filters
adaptive filters
all-pass filters
band-pass filters
band-stop filters
Butterworth filters
comb filters
delay filters
digital filters
discrete time filters
distributed parameter filters
electromechanical filters
equiripple filters
ferrite filters
Gabor filters
H-infin filters
H2 filters
high-pass filters
Kalman filters
ladder filters
lattice filters
low-pass filters
matched filters
nonlinear filters
optical filters
passive filters
power filters
programmable filters
radiofrequency filters
resonator filters
spatial filters
stack filters
superconducting filters
switched filters
time-varying filters
tracking filters
transversal filters
waveguide filters
Wiener filters
RT analogue circuits
cascade networks
circuit theory
LC circuits
signal processing
smoothing circuits
DEU Filter (allgemein)

filters, chemical
USE filtration

Filtertheorie
DEU for filtering theory

Filterung
DEU for filtration

filtration
NT microfiltration
nanofiltration
reverse osmosis
ultrafiltration
SY *filters, chemical*
UF *fuel filters / filtration* + *fuel systems*
UF *oil filters / filtration* + *lubricating oils*
PT separation
RT air cleaners
cyclone separators
flow through porous media
mineral processing
purification
screening equipment (materials processing)
separation
sieving
DEU Filterung
DSY Filtration

Filtration
DUS für filtration

FIM
USE field emission ion microscopy

FIM, atom-probe
USE atom probe field ion microscopy

fin line components
BT waveguide components
PT fin lines
waveguide components
RT fin lines
DEU Schlitzleitungskomponente

fin lines
BT waveguides
PT waveguides
RT fin line components
microwave integrated circuits
DEU Schlitzleitung

finance
NT accounting
banking
bankruptcy
building societies
financial data processing
financial management
fraud
insurance
international finance
investment
property market
public finance
stock markets
SY *credit scoring*
RT auditing
commerce
econophysics
DEU Finanzierung
DSY Finanzwesen
Finanzwirtschaft
Finanzwissenschaft
Geldwesen
Geldwirtschaft
Kameralistik

financial data processing
BT administrative data processing
finance
NT accounts data processing
bank data processing
budgeting data processing
corporate modelling
EFTS
electronic trading
insurance data processing
payroll data processing
SY *treasury automation*
PT financial administrative data processing
RT business data processing
commodity trading
financial management
foreign exchange trading
pensions
securities trading
spreadsheet programs
stock markets
tax preparation
DEU Finanzdatenverarbeitung

financial dealing systems
USE electronic trading

financial dealing workstations
USE executive workstations

financial management
BT finance
management
NT budgeting
cost-benefit analysis
costing
franchising
leasing
purchasing
rental
UF *financial planning / financial management + planning*
SY *money management*
RT accounting
asset management
bankruptcy
corporate modelling
depreciation
financial data processing
pricing
profitability
venture capital
DEU Finanzverwaltung

financial markets
USE stock markets

financial planning
USE financial management
\+ planning

Finanzbuchhaltung
DEU for management accounting

Finanzdatenverarbeitung
DEU for financial data processing

Finanzierung
DEU for finance

Finanzverwaltung
DEU for financial management

Finanzwesen
DUS für finance

Finanzwirtschaft
DUS für finance

Finanzwissenschaft
DUS für finance

finding charts
SY *charts, astronomical*
identification charts
magnitude sequences
PT astronomical charts and atlases
RT astronomical atlases
astronomical catalogues
DEU Fundstellenkarte

fine structure
BT energy states
NT hyperfine structure
SY *atomic fine structure*
molecular fine structure
PT atomic fine structure
molecular fine structure
RT atomic structure
EXAFS
molecular electronic states
DEU Feinstruktur

fine-pitch technology
BT technology
PT printed circuit manufacture
surface mount technology
RT assembling
chip scale packaging
electronics packaging
printed circuit manufacture
soldering
surface mount technology
tape automated bonding
DEU Fein-Stick-Technologie
DSY Feinabstandskontaktierung
feiner Kontaktabstand
Feinkontakttechnik
Feinkontakttechnologie
Feinrasterkontaktierung
Fine-Pitch-Technik
Fine-Pitch-Technologie

Fine-Pitch-Technik
DUS für fine-pitch technology

Fine-Pitch-Technologie
DUS für fine-pitch technology

FinFET
USE MOSFET

Fingerabdruck-Identifikation
DEU for fingerprint identification

fingerprint identification
BT biometrics (access control)
image recognition
PT image recognition
RT palmprint recognition
police data processing
DEU Fingerabdruck-Identifikation
DSY Fingerprint-Identifikation

Fingerprint-Identifikation
DUS für fingerprint identification

finished goods inventory
BT inventory management
PT stock control
RT stock control
DEU Fertigwareninventur

finishing
BT manufacturing processes
NT surface finishing
RT finishing machines
grinding
machining
rolling
DEU Fertigstellen
DSY Veredeln

finishing machines
BT production equipment
NT calenders
PT machine tools
RT finishing
machine tools
rolling mills
DEU Endfertigungsmaschine
DSY Veredlungsmaschine

finite automata
BT automata theory
NT cellular automata
finite state machines
learning automata
pushdown automata
UF *abstract machines / finite automata + program compilers*
SY *Mealy Moore machines*
RT digital computers
Petri nets
probabilistic automata
sequential switching
DEU endlicher Automat

finite difference methods
BT numerical analysis
NT finite difference time-domain analysis
PT difference equations

RT difference equations
DEU Finite-Differenz-Methode

finite difference time-domain analysis
BT finite difference methods
time-domain analysis
SY *FD-TD analysis*
FDTD analysis
PT difference equations
time-domain analysis
RT convergence of numerical methods
difference equations
DEU Zeitbereichsanalyse mittels finiter Differenzen

finite dimensional systems
USE multidimensional systems

finite element analysis
BT numerical analysis
NT mesh generation
SY *FEA*
FEM (numerical analysis)
PT numerical analysis
RT approximation theory
boundary-elements methods
boundary-value problems
conformal mapping
difference equations
differential equations
finite volume methods
function approximation
function evaluation
functional analysis
Galerkin method
Laplace equations
relaxation theory
structural engineering computing
structural engineering
DEU Analyse der finiten Elemente
DSY FEM (Finite-Element-Methode)
Finite-Element-Analyse
Finite-Element-Methode
Finite-Elemente-Analyse
Finite-Elemente-Methode
Methode der finiten Elemente

finite impulse response filters
USE FIR filters

finite state machines
BT finite automata
SY *FSM*
state machines
PT finite automata
RT asynchronous circuits
logic CAD
logic testing
sequential machines
DEU Endzustandsmaschine (FSM))
DSY Finite-State-Machine (Computertheorie)

finite temperature field theory
BT quantum field theory
SY *thermo field theory*
PT quantum field theory
DEU Endliche-Temperatur-Feldtheorie

finite volume methods
BT numerical analysis
PT finite element analysis
RT computational fluid dynamics
finite element analysis
flow simulation
Navier-Stokes equations
DEU Endvolumenmethode
DSY Finite-Volume-Methode

finite wordlength effects
USE roundoff errors

Finite-Differenz-Methode
DEU for finite difference methods

Finite-Element-Analyse
DUS für finite element analysis

Finite-Element-Methode
DUS für finite element analysis

Finite-Elemente-Analyse
DUS für finite element analysis

Finite-Elemente-Methode
DUS für finite element analysis

Finite-State-Machine (Computertheorie)
DUS für finite state machines

Finite-Volume-Methode
DUS für finite volume methods

Finlay-Freundlich red-shift hypothesis
USE gravitational red shift

FIR filters
BT digital filters
SY *finite impulse response filters*
PT digital filters
RT adaptive filters
IIR filters
quadrature mirror filters
DEU FIR-Filter

FIR lasers
USE submillimetre wave lasers

FIR-Filter
DEU for FIR filters

fire resistance
USE flameproofing

fire retardants
USE flame retardants

fireball model
USE fireball model (elementary particles)
\+ fireball model (nuclear)

fireball model (elementary particles)
BT statistical models (elementary particles)
UF *fireball model / fireball model (elementary particles) + fireball model (nuclear)*
PT statistical models
DEU Feuerball-Modell (Elementarpartikel)
DSY Feuerball-Modell (Elementarteilchen)

fireball model (nuclear)
BT statistical models (nuclear)
UF *fireball model / fireball model (elementary particles) + fireball model (nuclear)*
PT statistical theory of nuclear reactions and scattering
DEU Feuerball-Modell (nuklear)
DSY nukleares Feuerballmodell

fireballs (meteoric)
USE meteors

fireproofing
USE flameproofing

fires
NT wildfires
RT accidents
combustion
disasters
electric shocks
emergency management
emergency services
explosions
flameproofing
flames
flammability
hazards
rescue robots
safety
smoke detectors
DEU Brand
DSY Feuer

Firewall (DV)
DEU for firewalls

firewalls
BT computer network security
PT authorisation
computer networks
RT authorisation
computer crime
computer network management
Internet
DEU Firewall (DV)

firing (materials)
BT materials preparation
RT ceramics
heat treatment
pottery
powder technology
refractories
sintering
DEU Sintern (Material)

firmware
BT computer software
SY *microcode*
silicon software
PT computer software
microprogramming
RT memory cards
microprogramming
PLD programming
read-only storage
DEU Firmware

Firmware
DEU for firmware

Firnis
DEU for varnish

first aid
BT patient treatment
PT patient treatment
RT accidents
occupational medicine
patient care
DEU Erste Hilfe

first overtone Cepheids
USE variable stars

Fischereiindustrie
DEU for fishing industry

Fischgräteninstabilität
DEU for fishbone instability

fish farming
USE aquaculture

fishbone diagrams
USE cause-effect analysis

fishbone instability
BT plasma instability
PT plasma instability
RT plasma confinement
plasma fluctuations
plasma oscillations
DEU Fischgräteninstabilität

fisheries
USE aquaculture

fishing industry
BT industries
PT aquaculture
RT aquaculture
boats
net structures (mechanical)
DEU Fischereiindustrie

fission
BT nuclear physics
NT electrofission
fission of plutonium
fission of uranium
fission products
photofission
spontaneous fission
SY *nuclear fission*
PT nuclear fission
RT delayed neutrons
fission counters
fission reactors
heavy ion-nucleus reactions
nuclear reactions and scattering
scission point model
DEU Kernspaltung

fission counters
BT counters
PT counters
RT fission
DEU Spaltungszähler

fission of plutonium
BT fission
SY *nuclear fission of plutonium*
PT nuclear fission
RT fission products
fission reactor fuel
plutonium
DEU Plutoniumspaltung

fission of uranium
BT fission
SY *nuclear fission of uranium*
PT nuclear fission of uranium
RT fission products
fission reactor fuel
uranium
DEU Uranspaltung

fission products
BT fission
SY *nuclear fission products*
PT nuclear fission products
RT fission of plutonium
fission of uranium
DEU atomares Spaltprodukt
DSY Atomspaltprodukt
Atomspaltungsprodukt
Kernspaltprodukt
Kernspaltungsprodukt
nukleares Spaltprodukt
Spaltprodukt

fission reactor accidents
BT accidents
fission reactor safety
NT coolant-fuel interactions
fuel element failure
SY *reactor accidents*
undercooling (reactor accidents)
PT accidents
fission reactor safety
RT explosions
DEU Spaltreaktorunfall

fission reactor containment
BT fission reactor safety
SY *containment (fission reactors)*
PT fission reactor safety
RT radiation protection
DEU Spaltreaktorabschirmung
DSY Spaltreaktorschutzhülle

fission reactor coolants
BT coolants
fission reactor materials
SY *coolants (fission reactors)*
PT fission reactor materials
RT coolant-fuel interactions

cooling
fission reactor cooling
fission reactor safety
DEU Spaltreaktorkühlmittel

fission reactor cooling
BT fission reactor operation
SY *fission reactor thermohydraulics*
reactor cooling system
PT fission reactor cooling and heat recovery
RT coolant-fuel interactions
cooling
fission reactor coolants
fission reactor safety
nuclear reactor steam generators
DEU Spaltreaktorkühlung

fission reactor core control
BT fission reactor operation
NT reactivity (fission reactors)
PT fission reactor core control and monitoring
RT fission reactor instrumentation
fission reactor kinetics
fission reactor safety
DEU Spaltreaktorkernsteuerung

fission reactor decommissioning
BT fission reactors
nuclear facility decommissioning
SY *decommissioning (fission reactors)*
RT fission reactor safety
nuclear reactors
radiation protection
radioactive waste
DEU Spaltreaktoraußerbetriebsetzung
DSY Spaltreaktordemontage
Spaltreaktorstilllegung
Spaltreaktorzerlegung

fission reactor design
BT design
fission reactors
PT fission reactor theory and design
RT fission research reactors
neutron transport theory
nuclear engineering computing
DEU Spaltreaktordesign
DSY Spaltreaktorentwurf

fission reactor fuel
BT fission reactor materials
fuel
NT fission reactor fuel preparation
fission reactor fuel reprocessing
nuclear materials safeguards
SY *fuel elements*
UF *nuclear reactor fuel / fission reactor fuel + fusion reactor fuel*
PT nuclear reactor fuel
RT coolant-fuel interactions
fission of plutonium
fission of uranium
fission reactor fuel claddings
fuel element failure
isotope separation
nuclear criticality safety
nuclear materials packaging
nuclear materials transportation
plutonium
plutonium compounds
pollution
radioactive waste
uranium
uranium compounds
DEU Spaltreaktorbrennstoff

fission reactor fuel claddings
BT claddings
fission reactor materials
PT claddings
fission reactor materials
RT fission reactor fuel
DEU Spaltreaktorbrennstoffhülle
DSY Spaltreaktorbrennstoffverkleidung

fission reactor fuel preparation
BT fission reactor fuel
PT fission reactor fuel preparation and reprocessing
RT fuel processing
fuel processing industries
isotope separation
materials handling
nuclear fuel cycle facilities
nuclear materials safeguards
DEU Spaltreaktorbrennstoffvorbereitung

fission reactor fuel reprocessing
BT fission reactor fuel
PT fission reactor fuel preparation and reprocessing
RT fuel processing
fuel processing industries
isotope separation
materials handling
nuclear facility regulation
nuclear fuel cycle facilities
nuclear materials safeguards
radioactive waste
DEU Spaltreaktorbrennstoffwiederaufbere itung

fission reactor instrumentation
BT fission reactors
nuclear reactor instrumentation
PT nuclear reactor instrumentation
RT fission reactor core control
fission reactor monitoring
fission reactor safety
fission research reactors
fusion reactor instrumentation
self-powered neutron detectors
DEU Spaltreaktorinstrumentierung

fission reactor kinetics
BT fission reactor theory
SY *reactor kinetics*
PT fission reactor theory and design
RT fission reactor core control
fission reactor monitoring
neutron flux
neutron transport theory
reactivity (fission reactors)
DEU Spaltreaktorkinetik

fission reactor materials
BT fission reactors
materials
NT fission reactor coolants
fission reactor fuel
fission reactor fuel claddings
moderators
UF *nuclear reactor materials / fission reactor materials* + *fusion reactor materials*
SY *reactor components*
PT nuclear reactor materials
RT heavy water
materials handling
radioactive waste
DEU Spaltreaktorwerkstoff

fission reactor monitoring
BT fission reactor operation
PT fission reactor core control and monitoring
RT fission reactor instrumentation
fission reactor kinetics
fission reactor safety
neutron flux
self-powered neutron detectors
DEU Spaltreaktorbeobachtung
DSY Spaltreaktorüberwachung

fission reactor operation
BT fission reactors
NT fission reactor cooling
fission reactor core control
fission reactor monitoring
UF *nuclear reactor operation / fission reactor operation* + *fusion reactor operation*
PT nuclear reactor operation
RT fission reactor safety
nuclear engineering
nuclear facility regulation
nuclear power stations
nuclear reactor maintenance
DEU Spaltreaktorbetrieb

fission reactor physics
BT fission reactor theory
SY *reactor physics*
PT fission reactor theory and design
RT neutron flux
neutron transport theory
DEU Spaltreaktorphysik

fission reactor safety
BT safety
NT fission reactor accidents
fission reactor containment
PT nuclear instrumentation
RT accidents
explosions
fault trees
fission reactor coolants
fission reactor cooling
fission reactor core control
fission reactor decommissioning
fission reactor instrumentation
fission reactor monitoring
fission reactor operation
nuclear reactor maintenance
nuclear reactor quality assurance
radiation protection
reactivity (fission reactors)
DEU Spaltreaktorsicherheit

fission reactor theory
BT fission reactors
NT fission reactor kinetics
fission reactor physics
PT fission reactor theory and design
RT neutron transport theory
nuclear engineering computing
DEU Spaltreaktortheorie

fission reactor thermohydraulics
USE fission reactor cooling

fission reactors
NT fission reactor decommissioning
fission reactor design
fission reactor instrumentation
fission reactor materials
fission reactor operation
fission reactor theory

fission research reactors
gas cooled reactors
heavy water reactors
hybrid reactors
light water reactors
liquid metal fast breeder reactors
UF *atomic reactors / fission reactors*
+ nuclear reactors
SY *breeder reactors*
nuclear fission piles
piles (nuclear fission)
reactors (nuclear)
RT fission
nuclear engineering
nuclear physics
nuclear power stations
nuclear reactors
pressure vessels
radioactive waste
DEU Fissionsreaktor
DSY Spaltreaktor

fission research reactors
BT fission reactors
RT fission reactor design
fission reactor instrumentation
nuclear reactors
DEU Forschungsspaltreaktor

fission track dating
USE radioactive dating

fission tracks
USE particle tracks

Fissionsreaktor
DEU for fission reactors

Fissionsreaktor
DUS für nuclear fission reactors

fissures
USE cracks

FITL
USE optical fibre subscriber loops

fitting (assembly)
BT assembling
NT expansion fitting
press fitting
shrink fitting
snap fitting
DEU Armatur (Montage)

fixed point arithmetic
BT digital arithmetic
PT digital arithmetic
DEU Festkommaarithmetik

fixed point semantics
USE programming language semantics

fixtures
BT production equipment
SY *fixturing*
jigs
RT assembling
machine tools
work-holding devices
DEU Befestigungselement

fixturing
USE fixtures

FK Com stars
USE giant stars
\+ variable stars

Fl (chemical element)
USE flerovium
DEU Fl (chemisches Element)

Fl (chemisches Element)
DEU for Fl (chemical element)

Flachbildschirm
DEU for flat panel displays

Flachbildschirm
DUS für television displays

Flachpressen
DUS für pressing

Flachwassergleichung
DEU for shallow water equations

Flackerstern
DEU for flare stars

Flächenmessung
DUS für area measurement

flame retardants
BT retardants
SY *fire retardants*
PT flameproofing
RT flameproofing
flammability
DEU Brandhemmer
DSY Entflammungsverzögerer
Entflammverzögerer

Flammenschutzausrüstung
Flammenverzögerer
Flammschutzausrüstung
Flammverzögerer

flame sprayed coatings
USE spray coatings

flame spraying
USE spray coating techniques

flame welding
USE oxy-fuel welding

flameproofing
BT protection
SY *fire resistance*
fireproofing
PT protection
safety
RT fires
flame retardants
flammability
safety
DEU Brennbarkeitsprüfung
DSY Entflammbarkeitsprüfung
Flammenprüfung

flames
RT combustion
fires
flammability
oxy-fuel welding
soot
wildfires
DEU Feuer
DSY Flamme

flammability
SY *inflammability*
PT combustion
safety
RT combustion
fires
flame retardants
flameproofing
flames
hazardous materials
safety
DEU Entflammbarkeit

Flamme
DUS für flames

Flammenprüfung
DUS für flameproofing

Flammenschutzausrüstung
DUS für flame retardants

Flammenverzögerer
DUS für flame retardants

Flammschutzausrüstung
DUS für flame retardants

Flammverzögerer
DUS für flame retardants

flanges
BT mechanical products
RT pipes
plates (structures)
rails
wheels
DEU Flansch
DSY Spurkranz

Flansch
DEU for flanges

Flanschdruck
DUS für pressure

flare stars
BT dwarf stars
variable stars
UF *BY Dra stars / flare stars + variable stars*
SY *flash stars*
UV Cet stars
PT dwarf stars
variable stars
DEU Flackerstern

flares, solar
USE solar flares

Flasche
DEU for bottles

Flaschenabfüllen
DUS für bottling

Flaschenabfüllung
DUS für bottling

Flaschenzug
DEU for pulleys

flash lamp annealing
USE incoherent light annealing

flash lamps
BT discharge lamps
RT optical pumping
DEU Blitzlampe

flash memories
BT EPROM
PT EPROM
RT integrated memory circuits
DEU Flash-Speicher

flash photolysis
USE photolysis

flash stars
USE flare stars

Flash-Speicher
DEU for flash memories

flashover
BT discharges (electric)
fault currents
RT arcs (electric)
corona
earthing
electric breakdown
insulator contamination
insulator testing
protection
surface discharges
vacuum insulation
DEU elektrischer Überschlag

flat panel displays
BT display devices
UF *flat TV displays / flat panel displays + television displays*
PT display devices
display instrumentation
RT cathode-ray tube displays
computer displays
electroluminescent displays
field emission displays
flexible displays
gas-discharge displays
large screen displays
LED displays
liquid crystal displays
plasma displays
television displays
DEU Flachbildschirm

flat TV displays
USE flat panel displays
\+ television displays

flatness measurement
USE surface topography measurement

flavour model
BT quark models
SY *beauty model*
truth model
PT quark models
DEU Aromamodell
DSY Blumenmodell
Geschmacksmodell
Geschmacksmuster

flaw detection
BT nondestructive testing
NT crack detection
SY *defectoscopy*
PT crack detection
RT acoustic emission testing
eddy current testing
ultrasonic materials testing
DEU Rissdetektion
DSY Risserkennung
Rissermittlung

flaws
USE cracks
\+ inclusions
\+ voids (solid)

Fleck
DEU for speckle

flerovium
BT transactinides
SY *element 114*
Fl (chemical element)
ununquadium
Uuq (chemical element)
PT ununquadium
DEU Flerovium

Flerovium
DEU for flerovium

flexible AC transmission systems
BT power transmission
SY *FACTS*
PT power transmission
RT power transmission lines
transmission networks
DEU flexibles Wechselstromübertragungssystem

flexible circuits
USE flexible electronics

flexible displays
BT display devices
flexible electronics
PT display devices
flexible electronics
RT colour displays
electronic paper
electrophoretic displays
flat panel displays
LED displays
liquid crystal displays
organic light emitting diodes
thin film transistors
DEU flexibler Anzeigebildschirm
DSY flexibler Bildschirm
flexibles Anzeigesystem
flexibles Display

flexible electronics
NT flexible displays
SY *flexible circuits*
RT LED displays
liquid crystal displays
organic light emitting diodes
printed circuits
solar cells
substrates
thin film transistors
DEU flexible Elektronik

flexible Elektronik
DEU for flexible electronics

flexible Form
DEU for flexible structures

flexible manipulators
BT flexible structures
manipulators
UF *hyper-redundant manipulators / flexible manipulators* + *redundant manipulators*
PT flexible structures
industrial manipulators
manipulator dynamics
manipulator kinematics
RT industrial manipulators
manipulator dynamics
manipulator kinematics
position control
vibration control
DEU flexibler Manipulator

flexible manufacturing systems
BT factory automation
manufacturing systems
SY *FMS*
PT manufacturing computer control
RT agile manufacturing
cellular manufacturing
computer integrated manufacturing
industrial control
industrial robots
manufacturing data processing
palletising
DEU flexibles Fertigungssystem

flexible structures
BT shapes (structures)
NT flexible manipulators
PT distributed parameter systems
intelligent structures
large-scale systems
RT aerospace control
compliant mechanisms
deployable structures
distributed parameter systems
inflatable structures
intelligent structures
large-scale systems
net structures (mechanical)
parachutes
vibration control
DEU flexible Form
DSY flexible Struktur

flexible Struktur
DUS für flexible structures

flexibler Anzeigebildschirm
DEU for flexible displays

flexibler Bildschirm
DUS für flexible displays

flexibler Manipulator
DEU for flexible manipulators

flexibles Anzeigesystem
DUS für flexible displays

flexibles Display
DUS für flexible displays

flexibles Fertigungssystem
DEU for flexible manufacturing systems

flexibles Wechselstromübertragungssystem
DEU for flexible AC transmission systems

flexoelectricity
BT electric properties
PT piezoelectricity
RT liquid crystals
DEU Flexoelektrizität

Flexoelektrizität
DEU for flexoelectricity

flexural strength
USE bending strength

flexural waves
USE elastic waves

flexure
USE bending

flicker noise
BT random noise
PT random noise
RT semiconductor device noise
DEU Flicker-Rauschen
DSY Flickerrauschen

Flicker-Rauschen
DEU for flicker noise

flickermeters
USE power supply quality
\+ power system measurement
\+ voltage measurement

Flickerrauschen
DUS für flicker noise

Fliese
DEU for rebar

Fließbandfertigung
DEU for continuous production

Fließbandproduktion
DEU for flow production systems

Fließbandproduktionsystem
DUS für flow production systems

Fließdruckpresse
DUS für presses

fließender Betriebsablauf
DUS für flow shop scheduling

Fließfertigung
DEU for batch processing (industrial)

Fließfertigungsplanung
DEU for flow shop scheduling

Fließfertigungssystem
DEU for batch production systems

Fließkommaarithmetik
DEU for floating point arithmetic

Fließkommarechnung
DUS für floating point arithmetic

Fließspannung
DEU for yield stress

Fließströmung
DEU for flux flow

flight control
USE aerospace control

flight safety
USE air safety

flight simulation
USE aerospace simulation

flip-chip devices
RT chip scale packaging
chip-on-board packaging
conductive adhesives
electronics packaging
hybrid integrated circuits
integrated circuit bonding
integrated circuit technology
multichip modules
system-in-package
thin film circuits
wafer level packaging
DEU Flip-Chip-Bauelement

Flip-Chip-Bauelement
DEU for flip-chip devices

Flip-Flop-Schaltung
DUS für flip-flops

flip-flops
BT multivibrators
SY *bistable multivibrators*
latches
register circuits
RT digital storage
logic circuits
oscillators
trigger circuits
DEU bistabile Kippschaltung
DSY Flip-Flop-Schaltung

FLL
USE frequency locked loops

floatation (process)
USE flotation (process)

floating point arithmetic
BT digital arithmetic
PT digital arithmetic
DEU Fließkommaarithmetik
DSY Fließkommarechnung
Gleitkommaarithmetik
Gleitkommarechnung

floating zone method (crystal growth)
USE zone melting

floating zone refining
USE zone refining

flocculation
BT aggregation
RT chemical technology
colloids
crystal growth
flotation (process)
mineral processing
sedimentation
DEU Ausflocken

floodlighting
BT lighting
PT lighting
DEU Flutlicht

floods
BT hydrology
PT disasters
hydrology
RT disasters
emergency management
facility location
land use planning
rain
rescue robots
rivers
DEU Flut

floorplanning
USE circuit layout

floors
BT construction components
RT ceilings
tiles
DEU Decke (Bau)

floppy disc drives
USE disc drives
\+ floppy discs

floppy discs
BT magnetic disc storage
storage media
UF *floppy disc drives / disc drives + floppy discs*
SY *floppy disks*
PT magnetic disc and drum storage
RT disc drives
jukebox storage systems
DEU Floppy Disk

Floppy Disk
DEU for floppy discs

floppy disks
USE floppy discs

Flotation
DEU for flotation (process)

flotation (process)
BT manufacturing processes
SY *dissolved air flotation*
floatation (process)
froth flotation
induced gas flotation
PT separation
RT buoyancy
coal
flocculation
mineral processing
mining
mining industry
paper industry
separation
wastewater treatment
DEU Flotation

Flourglas
DEU for fluoride glasses

flow
BT fluid dynamics
NT chemically reactive flow
compressible flow
confined flow
Couette flow
external flows
film flow
flow instability
flow of gases
flow of liquids
flow separation
flow simulation
flow through porous media
Knudsen flow
laminar flow
multiphase flow

non-Newtonian flow
nonequilibrium flow
plasma flow
Poiseuille flow
pulsatile flow
rotational flow
shear flow
stagnation flow
stratified flow
subsonic flow
supersonic flow
swirling flow
transonic flow
turbulence
SY *fluid flow*
UF *gas dynamics / aerodynamics + flow*
SY *Reynolds number*
Stokes flow
Stokes law (fluid mechanics)
RT aerodynamics
boundary layers
effusion
flow birefringence
flow control
flow measurement
fluidised beds
fluids
jets
viscosity
DEU Strömung

flow acoustics
USE aeroacoustics

flow birefringence
BT birefringence
SY *Maxwell effect*
RT flow
DEU Strömungsdoppelbrechung

flow charts
USE flowcharting

flow confinement
USE confined flow

flow control
BT mechanical variables control
RT flow
flow measurement
microfluidics
DEU Durchflussregelung

flow control, telecommunication
USE telecommunication congestion control

flow diagrams
USE flowcharting

flow entrainment
USE stratified flow

flow graphs
BT directed graphs
NT data flow graphs
signal flow graphs
PT directed graphs
graph theory
DEU Flussgraph

flow instability
BT flow
stability
NT Kelvin-Helmholtz instability
Rayleigh-Benard instability
Rayleigh-Taylor instability
SY *fluid instability*
Taylor instability
PT flow
stability
RT nonequilibrium flow
pattern formation
DEU Strömungsinstabilität

flow measurement
BT mechanical variables
measurement
NT blood flow measurement
flow visualisation
RT anemometers
anemometry
flow
flow control
flow sensors
flowmeters
laser Doppler anemometry
laser velocimeters
laser velocimetry
rheology
smart meters
DEU Strömungsmessung

flow meters
USE flowmeters

flow of gases
BT flow
DEU Gasströmung

flow of liquids
BT flow
DEU Flüssigkeitsströmung
DSY Fluidströmung

flow oscillations
USE fluid oscillations

flow process charts
USE flowcharting

flow production systems
BT manufacturing systems
NT continuous production
SY *sequential production*
DEU Fließbandproduktion
DSY Fließbandproduktionsystem

flow reattachment
USE flow separation

flow sensors
BT sensors
PT flow measurement
flowmeters
sensors
RT flow measurement
flowmeters
microsensors
DEU Durchflusssensor
DSY Strömungssensor

flow separation
BT flow
SY *flow reattachment*
separated flow
PT flow
RT cavitation
DEU Strömungstrennung

flow shop scheduling
BT production control
scheduling
PT production control
DEU Fließfertigungsplanung
DSY Ablaufplanung für einen Fließfertigungsbetrieb
Assembly-Flow-Shop Planungsproblem
Durchlaufplanung in der Serienfertigung
Fertigungsablaufproblem
Fertigungsablaufsystem
fließender Betriebsablauf
flow-shop-Planung
Planung der Auftragsreihenfolge
Werkstattsteuerung

flow simulation
BT flow
simulation
PT digital simulation
simulation
RT computational fluid dynamics
finite volume methods
lattice Boltzmann methods
plasma simulation
shallow water equations
DEU Strömungssimulation

flow stress
USE plastic flow

flow through porous media
BT flow
SY *Darcy's law*
imbibition
PT flow
RT filtration
melt infiltration
porous materials
transpiration
DEU Strömung im porösen Medium

flow visualisation
BT flow measurement
SY *flow visualization*
visualisation, flow
PT flow measurement
DEU Strömungsvisualisierung

flow visualization
USE flow visualisation

flow-shop-Planung
DUS für flow shop scheduling

flowcharting
BT charts
SY *flow charts*
flow diagrams
flow process charts
RT diagrams
programming
systems analysis
DEU Ablaufdiagramm
DSY Flussdiagramm

flowmeters
BT meters
NT anemometers
water meters
SY *flow meters*
gas meters
RT automatic meter reading
flow measurement
flow sensors
orifices (mechanical)
smart meters
velocimeters
velocity measurement

DEU Durchflussmesser
DSY Strömungsmesser

fluctuations
NT critical fluctuations
current fluctuations
plasma fluctuations
spin fluctuations
RT Brownian motion
econophysics
noise
Poisson distribution
random media
random processes
DEU Fluktuation
DSY Schwankung

fluctuations in superconductors
BT critical fluctuations
superconductivity
PT nonequilibrium properties of superconductors
RT superconducting transitions
DEU Fluktuation im Supraleiter
DSY Supraleiterfluktuation

fluctuations of cross sections
USE statistical models (nuclear)

flue gas desulfurization
USE flue gas desulphurisation

flue gas desulphurisation
BT air pollution control
SY *FGD*
flue gas desulfurization
PT air pollution detection and control
RT flue gases
fuel desulphurisation
power plants
power stations
scrubbers (materials handling)
DEU Rauchgasentschwefelung

flue gases
BT gases
PT air pollution
flue gas desulphurisation
RT air pollution
effluents
flue gas desulphurisation
scrubbers (materials handling)
DEU Rauchgas

Flüchtigkeit
DEU for transients

Flügelrad
DEU for impellers

Flüsse und Seen
DEU for rivers and lakes

Flüssig-Dampf-Transformation
DEU for liquid-vapour transformations

Flüssig-Dampf-Umwandlung
DUS für liquid-vapour transformations

Flüssig-Flüssig-Transformation
DEU for liquid-liquid transformations

Flüssig-Flüssig-Umwandlung
DUS für liquid-liquid transformations

flüssige Helium-3-4-Mischung
DEU for liquid helium 3-4 mixtures

flüssige Legierung
DEU for liquid alloys

flüssiges Helium
DEU for liquid helium

flüssiges Helium-3
DEU for liquid helium-3

flüssiges Helium-4
DEU for liquid helium-4

flüssiges Metall
DEU for liquid metals

Flüssighalbleiter
DEU for liquid semiconductors

Flüssighelium
DUS für liquid helium

Flüssighelium-3
DUS für liquid helium-3

Flüssighelium-4
DUS für liquid helium-4

Flüssigheliumschallausbreitung
DEU for liquid helium sound propagation

Flüssigkeit
DEU for liquids

Flüssigkeits-Szintillationszähler
DEU for liquid scintillation detectors

Flüssigkeitsfilm
DEU for liquid films

Flüssigkeitshalbleiter
DUS für liquid semiconductors

Flüssigkeitsionisationskammer
DEU for liquid ionisation chambers

Flüssigkeitslaser
DEU for liquid lasers

Flüssigkeitsmischung
DEU for liquid mixtures

Flüssigkeitsschwingung
DEU for fluid oscillations

Flüssigkeitsströmung
DEU for flow of liquids

Flüssigkeitsstruktur
DEU for liquid structure

Flüssigkeitstheorie
DEU for liquid theory

Flüssigkeitswelle
DEU for liquid waves

Flüssigkristall
DEU for liquid crystals

Flüssigkristall auf Silizium
DEU for liquid crystal on silicon

Flüssigkristallanzeige
DEU for liquid crystal displays

Flüssigkristallgerät
DEU for liquid crystal devices

Flüssigkristallphasentransformation
DEU for liquid crystal phase transformations

Flüssigkristallphasenumwandlung
DUS für liquid crystal phase transformations

Flüssigkristallpolymer
DEU for liquid crystal polymers

Flüssiglaser
DUS für liquid lasers

Flüssiglegierung
DUS für liquid alloys

Flüssigmetall
DUS für liquid metals

Flüssigmetallionenquelle
DEU for liquid metal ion sources

Flüssigmischung
DUS für liquid mixtures

Flüssigphasenabscheidungsüberzug
DEU for liquid phase deposited coatings

Flüssigphasendeposition
DEU for liquid phase deposition

Flüssigphasenepitaxie
DEU for liquid phase epitaxial growth

Flüssigproportionalzähler
DEU for liquid proportional counters

Flüssigstruktur
DEU for fluid structure

Flüssigstruktur
DUS für liquid structure

Flüstermodus
DEU for whispering gallery modes

Flugasche
DEU for fly ash

Flugfeld
DEU for airports (structures)

Flughafen
DUS für airports (structures)

Fluginstrument
DEU for aircraft instrumentation

Flugkörper
DEU for missiles

Flugkörpersteuerung
DEU for missile control

Flugkörperzielvorgabe
DEU for missile guidance

Flugplatz
DUS für airports (structures)

Flugradar
DUS für airborne radar

Flugsicherheit
DEU for air safety

Flugsicherung
DEU for air traffic control

Flugzeit-Massenspektrometer
DEU for time of flight mass spectrometers

Flugzeit-Spektrometer
DEU for time of flight spectrometers

Flugzeit-Spektrometrie
DEU for time of flight spectroscopy

Flugzeit-Spektroskopie
DUS für time of flight spectroscopy

Flugzeitmassen-Spektrometrie
DEU for time of flight mass spectroscopy

Flugzeitmassen-Spektroskopie
DUS für time of flight mass spectroscopy

Flugzeitmassenspektrometer
DUS für time of flight mass spectrometers

Flugzeitmassenspektrometrie
DUS für time of flight mass spectroscopy

Flugzeitmassenspektroskopie
DUS für time of flight mass spectroscopy

Flugzeitmassenspektrum
DEU for time of flight mass spectra

Flugzeitspektrometer
DUS für time of flight spectrometers

Flugzeitspektrometrie
DUS für time of flight spectroscopy

Flugzeitspektroskopie
DUS für time of flight spectroscopy

Flugzeitspektrum
DEU for time of flight spectra

Flugzeug
DEU for aircraft

Flugzeug-Display
DEU for aircraft displays

Flugzeug-Landeführung
DEU for aircraft landing guidance

Flugzeugantenne
DEU for aircraft antennas

Flugzeugbau
DEU for aircraft manufacture

Flugzeugcomputer
DUS für aircraft computers

Flugzeugdisplay
DUS für aircraft displays

Flugzeugelektronik
DUS für avionics

Flugzeugenergiesystem
DEU for aircraft power systems

Flugzeuggeräteausstattung
DUS für aircraft instrumentation

Flugzeuginstrument
DUS für aircraft instrumentation

Flugzeuginstrumentation
DUS für aircraft instrumentation

Flugzeuginstrumentenausstattung
DUS für aircraft instrumentation

Flugzeuginstrumentierung
DUS für aircraft instrumentation

Flugzeugkommunikation
DEU for aircraft communication

Flugzeugkontrolle
DEU for aircraft control

Flugzeuglande-Führung
DUS für aircraft landing guidance

Flugzeuglandeführung
DUS für aircraft landing guidance

Flugzeugnavigation
DEU for aircraft navigation

Flugzeugprüfung
DEU for aircraft testing

Flugzeugsteuerung
DUS für aircraft control

Flugzeugstromsystem
DUS für aircraft power systems

Flugzeugtest
DUS für aircraft testing

Flugzeugunfall
DEU for aerospace accidents

Flugzeugwartung
DEU for aircraft maintenance

Fluid
DEU for fluids

fluid composition control
USE chemical variables control

fluid composition measurement
USE chemical variables measurement

fluid dynamics
BT dynamics
fluid mechanics
NT aerodynamics
astrophysical fluid dynamics
biological fluid dynamics
computational fluid dynamics
drag
flow
fluid oscillations
geophysical fluid dynamics
hydrodynamics
Navier-Stokes equations
rarefied fluid dynamics
relativistic fluid dynamics
shallow water equations
surface waves (fluid)
SY *Magnus effect*
PT flow
fluids
hydrodynamics
RT electrohydrodynamics
mass transfer
DEU Strömungslehre

fluid flow
USE flow

fluid instability
USE flow instability

fluid mechanics
BT mechanics
NT capillarity
cavitation
fluid dynamics
hydrostatics
Mach number
SY *mechanics of fluids*
PT hydrodynamics
RT continuum mechanics
fluidics
fluids
DEU Fluidmechanik

fluid oscillations
BT fluid dynamics
oscillations
SY *flow oscillations*
liquid oscillations
oscillating flow
PT liquid oscillations
oscillations
RT drag
hydrodynamics
liquid waves
pulsatile flow
sloshing
water waves
DEU Flüssigkeitsschwingung

fluid structure
DEU Flüssigstruktur

fluid theory, dense
USE liquid theory

fluidic amplifiers
USE fluidic devices

fluidic devices
BT fluidics
SY *fluidic amplifiers*
UF *hydraulic amplifiers / fluidic devices + hydraulic control equipment*
PT fluidics
RT microfluidics
nanofluidics
DEU fluidisches Bauelement

fluidic logic
USE fluidics

fluidics
NT fluidic devices
microfluidics
nanofluidics
SY *fluidic logic*
pneumatic logic
RT amplification
fluid mechanics
logic
logic circuits
logic devices

logic gates
pneumatic control equipment
DEU Fluidik

Fluidik
DEU for fluidics

fluidisation
BT chemical technology
SY *fluidization*
RT fluidised beds
DEU Verflüssigung

fluidisches Bauelement
DEU for fluidic devices

fluidised beds
BT materials handling
SY *fluidized beds*
RT drying
flow
fluidisation
fluids
fuel gasification
granular flow
DEU Wirbelbett

fluidization
USE fluidisation

fluidized beds
USE fluidised beds

Fluidmechanik
DEU for fluid mechanics

fluids
NT bubbles
gases
liquids
non-Newtonian fluids
quantum fluids
RT discharges (electric)
disperse systems
flow
fluid mechanics
fluidised beds
gravity waves
DEU Fluid

Fluidströmung
DUS für flow of liquids

Fluktuation
DEU for fluctuations

Fluktuation im Supraleiter
DEU for fluctuations in superconductors

Fluor
DEU for fluorine

fluorescence
BT luminescence
SY *atomic fluorescence*
UF *cooperative resonant Stokes radiation / fluorescence + superradiance*
SY *molecular fluorescence*
UF *X-ray fluorescence / fluorescence + X-ray emission spectra + X-ray fluorescence analysis*
PT luminescence
RT dyes
electromagnetic wave absorption
fluorescence spectroscopy
fluorescent lamps
fluorescent screens
Judd-Ofelt theory
phosphorescence
radiation quenching
spontaneous emission
triplet state
X-ray fluorescence analysis
DEU Fluoreszenz

fluorescence quenching
USE radiation quenching

fluorescence spectroscopy
BT spectroscopy
NT X-ray fluorescence analysis
PT fluorescence
spectroscopy
RT fluorescence
DEU Fluoreszenz-Spektroskopie
DSY Fluoreszenzspektrometrie
Fluoreszenzspektroskopie
Röntgenfluoreszenzspektrometrie

fluorescent lamps
BT discharge lamps
RT fluorescence
phosphors
DEU Leuchtstofflampe

fluorescent screens
BT luminescent devices
screens (display)
UF *cathode-ray tube screens / cathode-ray tube displays + fluorescent screens*
SY *screens, fluorescent*
RT cathode-ray tubes

electroluminescence
fluorescence
image convertors
luminescence
phosphorescence
phosphors
radar displays
television picture tubes
television receivers
DEU Leuchtschirm

Fluoreszenz
DEU for fluorescence

Fluoreszenz-Spektroskopie
DEU for fluorescence spectroscopy

Fluoreszenzspektrometrie
DUS für fluorescence spectroscopy

Fluoreszenzspektroskopie
DUS für fluorescence spectroscopy

fluoride glasses
BT halide glasses
PT glass
RT fluorine compounds
DEU Flourglas
DSY Fluoridglas

Fluoridglas
DUS für fluoride glasses

fluorimetry
USE spectrochemical analysis

fluorine
BT halogens
non-metals
SY *F (chemical element)*
RT fluorine compounds
DEU Fluor

fluorine compounds
BT inorganic compounds
RT fluoride glasses
fluorine
DEU Fluorverbindung

fluoroscopy
USE radiography
DEU Fluoroskopie

Fluoroskopie
DEU for fluoroscopy

Fluorverbindung
DEU for fluorine compounds

flush mounted antennas
USE conformal antennas

Flussbelastung
DEU for river pollution

Flussdiagramm
DUS für flowcharting

Flussgraph
DEU for flow graphs

Flusskriechen
DEU for flux creep

Flussliniengitter
DEU for flux-line lattice

Flussmesser
DEU for fluxmeters

Flussströmung
DUS für flux flow

Flussverankerung (Magnetfluss)
DEU for flux pinning

Flussverankerung (Supraleiter)
DUS für flux pinning

Flussverschmutzung
DUS für river pollution

Flussverunreinigung
DUS für river pollution

Flut
DEU for floods

flute instability
BT plasma instability
SY *plasma flute instability*
PT plasma instability
RT plasma confinement
plasma fluctuations
plasma oscillations
DEU Flute-Instabilität

Flute-Instabilität
DEU for flute instability

Flutlicht
DEU for floodlighting

flux (magnetic)
USE magnetic flux

flux (neutron)
USE neutron flux

flux creep
BT mixed state
PT transport properties of superconductors
RT critical currents
flux flow
flux pinning
magnetic flux
DEU Flusskriechen
DSY Kriechfluss

flux crystal growth
USE crystal growth from solution

flux flow
BT mixed state
SY *flux line motion*
flux vortex flow
vortex flow (superconductivity)
PT transport properties of superconductors
RT critical currents
flux creep
flux pinning
magnetic flux
DEU Fließströmung
DSY Flussströmung
Strömungsfließen
Strömungsfluss

flux line motion
USE flux flow

flux pinning
BT mixed state
SY *flux trapping*
vortex lattice pinning
PT nonequilibrium properties of superconductors
transport properties of superconductors
RT critical currents
flux creep
flux flow
magnetic flux
DEU Flussverankerung (Magnetfluss)
DSY Flussverankerung (Supraleiter)
Magnetflussverankerung

flux trapping
USE flux pinning

flux vortex flow
USE flux flow

flux vortex lattice
USE flux-line lattice

flux-line lattice
BT mixed state
SY *flux vortex lattice*
fluxoid array
vortex structure (superconductivity)
PT equilibrium properties of superconductors
RT magnetic flux
DEU Flussliniengitter

fluxgate magnetometers
BT magnetometers
PT magnetometers
RT magnetic field measurement
DEU Fluxgate-Magnetometer

Fluxgate-Magnetometer
DEU for fluxgate magnetometers

Fluxmeter
DUS für fluxmeters

fluxmeters
BT meters
RT magnetic field measurement
magnetic flux
magnetic variables measurement
magnetometers
DEU Flussmesser
DSY Fluxmeter

fluxoid array
USE flux-line lattice

fly ash
BT ash
RT geopolymers
slag
DEU Flugasche

flying robots
USE aerospace robotics

flywheels
BT mechanical energy storage
wheels
PT energy storage devices
RT engines

shafts
DEU Schwungrad

Fm (chemical element)
USE fermium
DEU Fm (chemisches Element)

Fm (chemisches Element)
DEU for Fm (chemical element)

FM radar
BT frequency modulation
radar
UF *FMCW radar / CW radar + FM radar*
SY *frequency modulated radar*
RT CW radar
road vehicle radar
DEU Ferquenzmodulationsradar
DSY frequenzmoduliertes Radar

Fm stars
USE chemically peculiar stars

FMCW radar
USE CW radar
\+ FM radar

FMR
USE ferromagnetic resonance

fMRI
USE biomedical MRI

FMS
USE flexible manufacturing systems

foam rubber
BT polymer foams
rubber
PT rubber
RT rubber products
DEU Schaumgummi

foamed plastics
USE plastics
\+ polymer foams

foams
BT disperse systems
NT metal foams
polymer foams
RT bubbles
capillarity
colloids
honeycomb structures
lightweight structures
lost foam casting
porous materials
soft matter
DEU Schaum
DSY Schaumstoff

focal plane arrays
USE focal planes

focal planes
BT image sensors
infrared imaging
SY *focal plane arrays*
FPA
IR focal plane arrays
PT image sensors
infrared imaging
RT infrared detectors
DEU Bildebene

focused ion beam etching
USE focused ion beam technology
\+ sputter etching

focused ion beam technology
BT ion beam applications
particle beam focusing
technology
UF *FIB etching / focused ion beam technology + sputter etching*
SY *FIB technology*
UF *focused ion beam etching / focused ion beam technology + sputter etching*
PT ion beam applications
ion beam lithography
RT focusing
integrated circuit technology
ion beam lithography
ion beams
ion optics
micromachining
semiconductor technology
DEU gebündelte Ionenstrahltechnologie
DSY Ionenstrahlbündelfokussierung
Ionenstrahlfokussierungstechnik
Ionenstrahlfokussierungsverfahren

focusing
NT acoustic focusing
optical focusing
particle beam focusing
self-focusing
RT cameras
cathode rays
electron lenses
electron optics
electrostatic lenses
focused ion beam technology

ion optics
lenses
magnetic lenses
particle accelerators
particle optics
DEU Fokussierung

Förderdruck
DUS für pressure

Förderer (Förderanlage)
DEU for conveyors

Förderung
DEU for promotion (marketing)

foetuses
USE obstetrics

fog
BT disperse systems
terrestrial atmosphere
RT atmospheric boundary layer
clouds
meteorology
DEU Nebel

FOG (gyroscopes)
USE fibre optic gyroscopes

foils
PT films
RT films
DEU Folie

Fokker-Planck equation
BT integro-differential equations
PT transport processes
RT kinetic theory
statistical mechanics
transport processes
DEU Fokker-Planck-Gleichung

Fokker-Planck-Gleichung
DEU for Fokker-Planck equation

Fokussierung
DEU for focusing

Folge
DEU for sequences

Folgefeldbeschleuniger
DEU for wakefield accelerators

foliage
USE vegetation
DEU Blatt (Pflanze)

Folie
DEU for foils

fonts
USE character sets

food additives
BT additives
RT essential oils
food manufacturing
food preservation
food products
preservatives
sugar
DEU Lebensmittelzusatz
DSY Nahrungsgüterzusatz
Nahrungsmittelzusatz

food manufacturing
BT manufacture
PT food processing industry
RT bakeries
food additives
food preservation
food processing industry
food technology
DEU Lebensmittelherstellung
DSY Nahrungsgüterherstellung
Nahrungsmittelherstellung

food poisoning
USE food safety

food preservation
BT food technology
UF *food preservatives / food preservation + preservatives*
PT food processing industry
RT cold storage
food additives
food manufacturing
food safety
preservatives
DEU Lebensmittelkonservierung
DSY Nahrungsgüterkonservierung
Nahrungsmittelkonservierung

food preservatives
USE food preservation
\+ preservatives

food processing industry
BT manufacturing industries
NT beverage industry
sugar industry
RT canning
drying
electronic tongues
fermentation
food manufacturing
freezing
gelatin
DEU Lebensmittelindustrie
DSY Nahrungsgüterlindustrie
Nahrungsgüterverarbeitungsindustrie
Nahrungsmittelindustrie
Nahrungsmittelverarbeitungsindustrie

food products
BT manufactured products
NT beverages
dairy products
fats
sugar
UF *fruit / agricultural products + food products*
SY *meat*
UF *vegetables / agricultural products + food products*
RT agricultural products
food additives
food safety
vegetable oils
vending machines
DEU Lebensmittel
DSY Nahrungsgüter
Nahrungsmittel

food safety
BT food technology
safety
SY *food poisoning*
PT food preservation
food technology
safety
RT antibacterial activity
food preservation
food products
health hazards
ozonation (materials processing)
DEU Lebensmittelsicherheit
DSY Nahrungsgütersicherheit
Nahrungsmittelsicherheit

food technology
BT technology
NT food preservation
food safety
PT food processing industry
RT essential oils
food manufacturing
glazes
sterilisation (microbiological)
sugar refining
DEU Lebensmitteltechnologie
DSY Nahrungsgütertechnologie
Nahrungsmitteltechnologie

footwear
BT consumer products
SY *shoes*
RT clothing
footwear industry
sportswear
DEU Schuh (Fußbekleidung)

footwear industry
BT manufacturing industries
SY *shoe manufacture*
RT clothing industry
footwear
leather industry
DEU Schuhindustrie

forbidden gap
USE energy gap

Forbush decreases
USE cosmic ray variations

force
BT dynamics
NT Coriolis force
electromagnetic forces
RT atomic forces
coercive force
electromagnetism
force control
force measurement
gravitation
gravity
molecular force constants
DEU Kraft

force constants
USE lattice dynamics
\+ molecular force constants

force control
BT control
mechanical variables control
RT compliance control

force
force measurement
manipulators
micromanipulators
DEU Kraftregelung
DSY Kraftsteuerung

force feedback
BT feedback
PT feedback
interactive devices
RT force sensors
haptic interfaces
interactive devices
virtual reality
DEU Kraftrückkopplung

force fields, molecular
USE molecular force constants

force measurement
BT measurement
mechanical variables
measurement
SY *force meters*
RT dynamometers
force
force control
force sensors
mechanical testing
transducers
DEU Kraftmessung

force meters
USE force measurement

force sensors
BT sensors
PT force measurement
RT force feedback
force measurement
pressure sensors
DEU Kraftsensor

forced convection
BT convection
PT convection
RT mass transfer
DEU Zwangskonvektion

forecasting theory
BT operations research
SY *Delphi method*
UF *group method of data handling / forecasting theory + identification*
PT operations research
RT demand forecasting
economic forecasting
DEU Vorhersagetheorie

forecasting, technological
USE technological forecasting

foreign exchange trading
BT stock markets
NT exchange rates
SY *currency markets*
forex
PT finance
RT financial data processing
DEU Devisenhandel

forensic engineering
USE accidents
\+ failure analysis
\+ forensic science
\+ law

forensic science
BT natural sciences
NT digital forensics
UF *forensic engineering / accidents + failure analysis + forensic science + law*
RT chemical analysis
criminal law
police
DEU Forensik

forensics (computer)
USE digital forensics

Forensik
DEU for forensic science

forestry
BT agriculture
natural resources
PT natural resources
RT ecology
farming
hyperspectral imaging
land use
timber
vegetation
vegetation mapping
wood processing
DEU Forstwirtschaft

forex
USE foreign exchange trading

forge welding
BT welding
PT welding
RT forging
DEU Feuerschweißen

forging
BT manufacturing processes
NT squeeze casting
PT manufacturing processes
metalworking
RT forge welding
metallurgical industries
metalworking
DEU Schmieden

fork lift trucks
BT materials handling equipment
vehicles
RT lifting equipment
loading
unloading
warehouse automation
DEU Gabelstapler

Form (Struktur)
DEU for shapes (structures)

form factors (elementary particles)
BT elementary particle theory
NT Dirac form factors
electromagnetic form factors
Pauli form factors
PT form factors
RT elementary particle coupling constants
EMC effect
form factors (nuclear)
DEU Formfaktor (Elementarpartikel)
DSY Formfaktor (Elementarteilchen)

form factors (nuclear)
BT nuclear reactions and scattering
nuclear structure
NT Dirac form factors
electromagnetic form factors
Pauli form factors
PT nuclear structure
RT EMC effect
form factors (elementary particles)
nuclear charge
DEU Formfaktor (Kerntechnik)

form factors, atomic
USE atomic structure

form filling
USE business forms

formal concept analysis
BT artificial intelligence
data analysis
SY *FCA (computing)*
RT data mining
formal logic
fuzzy set theory
granular computing
knowledge representation
lattice theory
ontologies (artificial intelligence)
rough set theory
unsupervised learning
DEU formale Konzeptanalyse (KI)

formal languages
BT languages
NT algorithmic languages
context-free languages
context-sensitive languages
description logic
SY *languages, formal*
regular languages
RT computational linguistics
formal logic
grammars
Horn clauses
ML language
natural languages
programming language semantics
programming languages
query languages
rewriting systems
specification languages
DEU formale Sprache

formal logic
BT computation theory
logic
mathematics
NT bisimulation equivalence
Boolean functions
cellular logic
computability
decidability
fuzzy logic
Horn clauses
majority logic
multivalued logic
probabilistic logic
process algebra
recursive functions
temporal logic
threshold logic
SY *intuitionistic logic*
logic, formal
mathematical logic
modal logic
RT artificial intelligence
automata theory
Boolean algebra
description logic
formal concept analysis

formal languages
fuzzy set theory
logic programming
switching theory
theorem proving
Turing machines
DEU formale Logik

formal specification
BT software engineering
NT algebraic specification
UF *requirements engineering / formal specification + formal verification + systems analysis*
PT specification languages
RT formal verification
specification languages
SysML
Web Services Business Process Execution Language
DEU formale Spezifikation

formal verification
BT software engineering
NT program verification
SY *model checking*
UF *requirements engineering / formal specification + formal verification + systems analysis*
SY *verification, formal*
PT program verification
RT conformance testing
decision diagrams
formal specification
knowledge verification
protocols
reachability analysis
DEU formale Überprüfung

formale Konzeptanalyse (KI)
DEU for formal concept analysis

formale Logik
DEU for formal logic

formale Spezifikation
DEU for formal specification

formale Sprache
DEU for formal languages

formale Überprüfung
DEU for formal verification

Formausrüstung
DEU for moulding equipment

Formen (Prozess)
DEU for forming processes

Formenerkennen
DEU for shape recognition

Formenerkennung
DUS für shape recognition

Formenkontrolle
DEU for shape control

Formerkennen
DUS für shape recognition

Formerkennung
DUS für shape recognition

Formfaktor (Elementarpartikel)
DEU for form factors (elementary particles)

Formfaktor (Elementarteilchen)
DUS für form factors (elementary particles)

Formfaktor (Kerntechnik)
DEU for form factors (nuclear)

Formgebung
DUS für design

Formgedächtniseffekt
DEU for shape memory effects

Formgestaltung
DUS für design

forming processes
BT manufacturing processes
NT casting
electroforming
metal stamping
moulding
net shape forming
pressing
pultrusion
swaging
thermoforming
thixoforming
SY *filament winding*
hydroforming
UF *thread forming / forming processes + threading (machining)*
RT bending machines
billets
deep drawing
metalworking
punching
DEU Formen (Prozess)

Formmessung
DEU for shape measurement

Formpresse
DUS für presses

Formpressen
DEU for compression moulding

forms production
USE business forms

forms software
USE business forms

Formspeichereffekt
DUS für shape memory effects

Formstahlbiegepresse
DUS für presses

Formteilpressautomat
DUS für presses

formula manipulation, automated methods
USE symbol manipulation

Forschung und Entwicklung
DEU for research and development

Forschungsaktivität
DEU for research initiatives

Forschungsbibliothek
DEU for research libraries

Forschungsmanagement
DEU for research and development management

Forschungsspaltreaktor
DEU for fission research reactors

Forstwirtschaft
DEU for forestry

Fortbildung
DEU for further education

FORTH
BT high level languages
PT high level languages
RT FORTH listings
DEU FORTH (Programmiersprache)

FORTH (Programmiersprache)
DEU for FORTH

FORTH listings
BT complete computer programs
PT complete computer programs
RT FORTH
DEU FORTH-Programm

FORTH-Programm
DEU for FORTH listings

FORTRAN
BT high level languages
UF *High Performance FORTRAN / FORTRAN + parallel languages*
UF *HPF / FORTRAN + parallel languages*
RT BASIC
FORTRAN listings
DEU FORTRAN (Programmiersprache)

FORTRAN (Programmiersprache)
DEU for FORTRAN

FORTRAN listings
BT complete computer programs
PT complete computer programs
RT FORTRAN
DEU FORTRAN-Programm

FORTRAN-Programm
DEU for FORTRAN listings

forward chaining
BT problem solving
PT problem solving
RT inference mechanisms
neural nets
DEU Vorwärtsverkettung

forward error correction
BT error correction
PT error correction codes
error correction
RT error correction codes
error detection
DEU Vorwärtsfehlerkorrektur

fossil fuels
BT fuel
NT coal
crude oil
shale gas
UF *coal gas / fossil fuels + syngas*
RT air pollution
hydrocarbon reservoirs
natural resources

pulverised fuels
thermal power stations
DEU fossiler Brennstoff

fossiler Brennstoff
DEU for fossil fuels

fossils
USE palaeontology

Fotoablation
DEU for laser ablation

Fotoakustik-Spektroskopie
DEU for photoacoustic spectroscopy

Fotoakustikspektroskopie
DUS für photoacoustic spectroscopy

fotoakustische Emission
DEU for photoacoustic emissions

fotoakustische Spektroskopie
DUS für photoacoustic spectroscopy

fotoakustischer Effekt
DEU for photoacoustic effect

Fotochemie
DEU for photochemistry

Fotodetektor
DEU for photodetectors

fotodielektrischer Effekt
DEU for photodielectric effect

Fotodiode
DEU for photodiodes

Fotodissoziation
DEU for photodissociation

fotoelektrochemische Zelle
DEU for photoelectrochemical cells

fotoelektromagnetischer Effekt
DEU for photoelectromagnetic effects

Fotoelektronen-Spektroskopie
DEU for photoelectron spectroscopy

Fotoelektronenspektroskopie
DUS für photoelectron spectroscopy

fotoemissives Gerät
DEU for photoemissive devices

fotoempfindlicher Werkstoff
DEU for photographic material sensitivity

fotoempfindliches Material
DUS für photographic material sensitivity

Fotoempfindlichkeit
DUS für photographic material sensitivity

Fotoemulsion
DEU for photographic emulsions

Fotofilm
DEU for photographic materials

fotogalvanische Zelle
DUS für photoelectrochemical cells

Fotografie (Bild)
DEU for photography

Fotografie (Verfahren)
DEU for photographic process

Fotografieren
DUS für photographic process

fotografische Anwendung
DEU for photographic applications

fotografische Emulsion
DUS für photographic emulsions

fotografische Linse
DEU for photographic lenses

fotografischer Werkstoff
DUS für photographic materials

fotografisches Material
DUS für photographic materials

fotografisches Objektiv
DUS für photographic lenses

Fotogrammetrie
DEU for photogrammetry

Fotoionisation
DEU for photoionisation

Fotokondensator
DEU for photocapacitance

Fotokopieren
DEU for photocopying

Fotoleitfähigkeit
DEU for photoconductivity

Fotolithografie
DEU for photolithography

fotomagnetischer Effekt
DEU for photomagnetic effect

Fotomaske
DEU for reticles

Fotomaterial
DUS für photographic materials

Fotometer
DEU for photometers

Fotometrie
DEU for photometry

Fotoplethysmografie
DEU for photoplethysmography

Fotopolymer
DEU for optical polymers

fotorefraktiver Effekt
DEU for photorefractive effect

Fotosatz
DEU for photo typesetting

Fotothermal-Spektroskopie
DEU for photothermal spectroscopy

fotothermale Spektroskopie
DUS für photothermal spectroscopy

Fotothermaleffekt
DEU for photothermal effects

Fotothermalspektroskopie
DUS für photothermal spectroscopy

fotothermische Energieumwandlung
DEU for photothermal conversion

fotothermische Spektroskopie
DUS für photothermal spectroscopy

fotothermischer Effekt
DUS für photothermal effects

Fotothyristor
DEU for photothyristors

Fotovoltaikbuilding
BT construction
NT building standards
UF *pile driving / Fotovoltaikbuilding + foundations*
RT air conditioning
architecture
building materials
building wiring
civil engineering
construction equipment
cranes
excavators
modular construction
prefabricated construction
space cooling
space heating
total energy systems
DEU Bau (allgemein)
DSY Bauwesen

fotovoltaischer Effekt
DEU for photovoltaic effects

Fotowiderstandsbauelement
DEU for photoconducting devices

Fotowiderstandsmaterial
DEU for photoconducting materials

Fotowiderstandsschalter
DEU for photoconducting switches

Fotowiderstandswerkstoff
DUS für photoconducting materials

Fotowiderstandszelle
DEU for photoconductive cells

Fotozelle
DEU for photoelectric cells

Fotozersetzung
DUS für photodissociation

Foucault currents
USE eddy currents

fouling (equipment)
USE maintenance engineering

fouling (industrial)
USE maintenance engineering

foundations
BT construction
geotechnical structures
UF *pile driving / Fotovoltaikbuilding + foundations*
SY *piles (structural engineering)*
RT anchors
construction components
drilling (geotechnical)
geotechnical engineering
DEU Gründung (Bauwesen)

foundries
BT production facilities
RT casting
furnaces
moulding
DEU Gießerei

fountain effect
USE superfluid helium-4

four wave mixing (optical)
USE multiwave mixing

Fourier analysis
BT mathematical analysis
waveform analysis
RT Fourier series
Fourier transforms
harmonic analysis
harmonics
information theory
signal processing
signal synthesis
wave analysers
DEU Fourier-Analyse

Fourier optics
USE Fourier transform optics

Fourier series
BT series (mathematics)
PT series (mathematics)
RT convergence
Fourier analysis
DEU Fourier-Reihe

Fourier transform optics
BT optics
SY *Fourier optics*
PT Fourier transforms
optical information processing
RT Fourier transform spectroscopy
Fourier transforms
optical images
optical information processing
DEU Fourier-Transformationsoptik

Fourier transform spectra
BT spectra (general)
PT Fourier transform spectroscopy
RT attenuated total reflection
Fourier transform spectroscopy
infrared spectra
infrared spectroscopy
two-dimensional spectra
DEU Fourier-Transformationsspektrum
DSY Fouriertransformationsspektrum

Fourier transform spectrometers
BT spectrometers
PT Fourier transform spectroscopy
interference spectrometers
RT Fourier transform spectroscopy
infrared spectrometers
infrared spectroscopy
interference spectrometers
DEU Fourier-Transformations-Spektrometer

Fourier transform spectroscopy
BT spectroscopy
PT Fourier transforms
spectroscopy
RT Fourier transform optics
Fourier transform spectra
Fourier transform spectrometers
infrared spectra
infrared spectrometers
infrared spectroscopy
interference spectroscopy
two-dimensional spectroscopy
DEU Fourier-Spektrometrie
DSY Fourier-Spektroskopie
Fourier-Transformations-Spektroskopie

Fourier transforms
BT transforms
NT fast Fourier transforms
RT Fourier analysis
Fourier transform optics
inverse transforms
DEU Fourier-Transformation

Fourier-Analyse
DEU for Fourier analysis

Fourier-Reihe
DEU for Fourier series

Fourier-Spektrometrie
DEU for Fourier transform spectroscopy

Fourier-Spektroskopie
DUS für Fourier transform spectroscopy

Fourier-Transform-Infrarotspektroskopie
DEU for infrared spectroscopy

Fourier-Transformation
DEU for Fourier transforms

Fourier-Transformations-Spektrometer
DEU for Fourier transform spectrometers

Fourier-Transformations-Spektroskopie
DUS für Fourier transform spectroscopy

Fourier-Transformationsoptik
DEU for Fourier transform optics

Fourier-Transformationsspektrum
DEU for Fourier transform spectra

Fouriertransformationsspektrum
DUS für Fourier transform spectra

fourth generation mobile communication
USE 4G mobile communication

fourth-generation languages
USE application generators
\+ database management systems
\+ high level languages
\+ programming environments
\+ query languages
\+ report generators
\+ simulation languages
\+ specification languages

FPA
USE focal planes

FPAA
USE field programmable analogue arrays

FPGA
USE field programmable gate arrays

Fr (chemical element)
USE francium
DEU Fr (chemisches Element)

Fr (chemisches Element)
DEU for Fr (chemical element)

fracking
USE natural gas technology
\+ oil technology

fractal antennas
BT antennas
PT antennas
fractals
RT fractals
microstrip antennas
mobile antennas
multifrequency antennas
DEU Fraktalantenne

fractals
BT geometry
SY *self-similarity*
RT aggregation
computer graphics
econophysics
Fibonacci sequences
fractal antennas
mathematical analysis
mathematical morphology
pattern formation
topology
DEU Fraktale
DSY Fraktaltechnologie

fractional programming
USE mathematical programming

fractional-horsepower motors
BT electric motors
SY *FHP motors*
PT electric motors
RT small electric machines
DEU elektrischer Kleinmotor

fractionation
BT distillation
separation
PT distillation
RT oil refining
DEU Fraktionierung

fractography
PT metallography
RT crystal microstructure
electron microscopy
fracture
metallography
optical microscopy
radiography
replica techniques
specimen preparation
DEU Bruchanalyse
DSY Bruchbild

Bruchmessung
Bruchuntersuchung
Bruchverhalten
Bruchverhaltensuntersuchung
Fraktografie
Fraktographie
fraktographische Untersuchung

fracture
BT mechanical properties
NT brittle fracture
creep fracture
ductile fracture
ductile-brittle transition
fatigue
fracture mechanics
SY *breakage*
UF *cracking / cracks + fracture*
SY *rupture*
RT crack-edge stress field analysis
cracks
crystallographic shear
embrittlement
failure (mechanical)
fractography
fracture toughness
stress corrosion cracking
DEU Bruch (Werkstoff)

fracture mechanics
BT fracture
PT fracture
RT crack-edge stress field analysis
cracks
micromechanics
DEU Bruchmechanik

fracture strength
USE fracture toughness

fracture strength testing
USE fracture toughness testing

fracture toughness
BT mechanical strength
UF *creep rupture strength / creep fracture + fracture toughness*
SY *fracture strength*
impact toughness
PT fracture
mechanical strength
RT fracture
fracture toughness testing
impact strength
indentation
notch strength
Vickers hardness
DEU Bruchzähigkeit

fracture toughness testing
BT materials testing
mechanical testing
SY *fracture strength testing*
PT materials testing
mechanical testing
RT fracture toughness
notch testing
DEU Bruchzähigkeitsprüfung
DSY Bruchzähigkeitstest

Fräsmaschine
DEU for milling machines

Fräswerkzeug
DEU for cutting tools

Frage-Antwort (Informationsrecherche)
DEU for question answering (information retrieval)

Frageformulierung
DEU for query formulation

Fraktalantenne
DEU for fractal antennas

Fraktale
DEU for fractals

Fraktaltechnologie
DUS für fractals

Fraktionierung
DEU for fractionation

Fraktografie
DUS für fractography

Fraktographie
DUS für fractography

fraktographische Untersuchung
DUS für fractography

frame based representation
BT knowledge representation
PT knowledge representation
DEU rahmenbasiert Repräsentation

frame error rate
USE error statistics

frame relay
BT packet switching
PT packet switching
protocols
RT B-ISDN

computer networks
ISDN
protocols
wide area networks
DEU Frame-relay-Dienst

Frame-relay-Dienst
DEU for frame relay

Franchisevertrieb
DEU for franchising

franchising
BT financial management
marketing
RT retailing
sales management
DEU Franchisevertrieb

Francis turbines
USE hydraulic turbines

francium
BT alkali metals
SY *Fr (chemical element)*
RT francium alloys
francium compounds
DEU Francium

francium alloys
BT alkali metal alloys
PT alkali metal alloys
RT francium
francium compounds
DEU Franciumlegierung

francium compounds
BT alkali metal compounds
RT francium
francium alloys
DEU Franciumverbindung

Franciumlegierung
DEU for francium alloys

Franciumverbindung
DEU for francium compounds

Francium
DEU for francium

Franck-Condon factors
RT luminescence
spectra (general)
DEU Franck-Condon-Faktor

Franck-Condon-Faktor
DEU for Franck-Condon factors

Frank-Read sources
BT dislocation sources
PT dislocations
RT dislocation multiplication
dislocations
DEU Frank-Read-Quelle

Frank-Read-Quelle
DEU for Frank-Read sources

fraud
BT finance
PT finance
RT computer crime
data protection
digital forensics
law
security
DEU Betrug

Fraunhofer diffraction
BT light diffraction
PT light diffraction
RT Fresnel diffraction
holography
DEU Fraunhofer-Beugung

Fraunhofer lines
USE solar spectra

Fraunhofer-Beugung
DEU for Fraunhofer diffraction

Fredholm integral equations
BT integral equations
PT integral equations
DEU Fredholm-Integralgleichung

Fredholm-Integralgleichung
DEU for Fredholm integral equations

free convection
USE natural convection

free electron lasers
BT lasers
SY *FEL*
ion channel lasers
UF *orotrons / free electron lasers + microwave generation + microwave tubes*
PT laser theory
lasers
RT millimetre wave amplifiers
millimetre wave generation

millimetre wave lasers
optical klystrons
relativistic electron beams
space charge waves
submillimetre wave devices
submillimetre wave lasers
undulator radiation
wigglers
DEU Freieelektronenlaser

free energy
BT thermodynamic properties
SY *Gibbs free energy*
Gibbs function
Helmholtz free energy
thermodynamic potential
PT thermodynamic properties
RT chemical potential
Ginzburg-Landau theory
DEU freie Energie

free induction decay (optical)
USE optical coherent transients

free piston engines
USE diesel engines
\+ internal combustion engines

free radical reactions
BT chemical reactions
PT chemical reactions
RT free radicals
DEU freie Radikale-Reaktion
DSY freie Radikalreaktion
Freie-Radikal-Reaktion
Reaktion freier Radikale

free radicals
SY *radicals, free*
RT free radical reactions
ions
organic compounds
DEU freie Radikale
DSY freies Radikal

free software
USE public domain software

free trade
USE international trade
\+ trade agreements

free-electron approximation
BT band theory
PT band theory models
RT nearly-free-electron approximation
DEU freie Elektronen-Annäherung

freezing
BT solid-liquid transformations
SY *cryoscopy*
UF *icing / freezing + ice*
RT cooling
de-icing
food processing industry
nucleation
refrigeration
solidification
DEU Einfrieren

freie Elektronen-Annäherung
DEU for free-electron approximation

freie Energie
DEU for free energy

freie Radikale
DEU for free radicals

freie Radikale-Reaktion
DEU for free radical reactions

freie Radikalreaktion
DUS für free radical reactions

Freie-Radikal-Reaktion
DUS für free radical reactions

Freieelektronenlaser
DEU for free electron lasers

freies Radikal
DUS für free radicals

freight containers
BT containers
RT containerisation
freight handling
DEU Kühlcontainer
DSY Transportbehälter

freight handling
BT materials handling
SY *cargo handling*
PT goods distribution
RT cranes
freight containers
goods distribution
loading
sea ports
transportation
unloading
DEU Gefrierguthandling

Freileitung
DEU for overhead lines

Freileitungsleistung
DEU for overhead line conductors

Freileitungsleiter
DUS für overhead line conductors

Freileitungsstromleiter
DUS für overhead line conductors

Freilufttestanlage
DEU for open area test sites

Freilufttestgelände
DUS für open area test sites

Freistrahl
DEU for jet flow

freiwillige Computeranwendung
DEU for volunteer computing

freiwillige Rechneranwendung
DUS für volunteer computing

Freizeitindustrie
DEU for leisure industry

Fremdsteuerung
DEU for strain control

Fremdstoff
DUS für impurities

Frenkel defects
BT vacancies (crystal)
PT interstitials
DEU Frenkel-Defekt

Frenkel-Defekt
DEU for Frenkel defects

Frenkel-Poole effect
USE Poole-Frenkel effect

frequency agility
RT frequency hop communication
information theory
radar
DEU Frequenzagilität

frequency allocation
BT radio spectrum management
SY *frequency assignment*
frequency re-use
RT bandwidth allocation
broadcasting
channel allocation
electromagnetic compatibility
DEU Frequenzzuteilung

frequency assignment
USE frequency allocation

frequency changers
USE frequency convertors

frequency chirp
USE chirp modulation

frequency control
BT control of specific variables
NT automatic frequency control
SY *frequency regulation*
RT electric variables control
frequency measurement
frequency stability
DEU Frequenzregelung

frequency converters
USE frequency convertors

frequency convertors
BT convertors
NT frequency dividers
frequency multipliers
microwave frequency convertors
millimetre wave frequency convertors
UHF frequency convertors
SY *frequency changers*
frequency converters
RT cycloconvertors
frequency synthesizers
mixers (circuits)
optical frequency conversion
DEU Frequenzkonverter

frequency convertors, optical
USE optical frequency conversion

frequency dividers
BT dividing circuits
frequency convertors
SY *dividers, frequency*
RT frequency division multiplexing
multivibrators
DEU Frequenzteiler
DSY Frequenzteilung

frequency division multiple access
BT access protocols
multi-access systems
SY *FDMA*

UF *orthogonal frequency division multiple access / frequency division multiple access + OFDM modulation*
PT frequency division multiplexing
multi-access systems
RT frequency division multiplexing
Long Term Evolution
mobile radio
DEU frequenzgeteilter Mehrfachzugriff

frequency division multiplexing
BT multiplexing
NT OFDM modulation
SY *FDM*
RT channel bank filters
frequency dividers
frequency division multiple access
wavelength division multiplexing
DEU Frequenzmultiplex

frequency doublers
USE frequency multipliers

frequency estimation
BT estimation theory
parameter estimation
PT estimation theory
parameter estimation
RT spectral analysis
speech processing
DEU Frequenzschätzung

frequency hop communication
BT radiocommunication
SY *fast frequency hopping*
UF *frequency hop spread spectrum communication / code division multiple access + frequency hop communication + spread spectrum communication*
SY *slow frequency hopping*
PT frequency agility
spread spectrum communication
RT Bluetooth
frequency agility
multi-access systems
spread spectrum communication
DEU Frequenzsprungkommunikation

frequency hop radar
USE spread spectrum radar

frequency hop spread spectrum communication
USE code division multiple access
\+ frequency hop communication
\+ spread spectrum communication

frequency locked loops
BT networks (circuits)
SY *FLL*
RT frequency synthesizers
phase locked loops
synchronisation
DEU Frequenzregelschleife
DSY Frequenzschleife

frequency measurement
BT electric variables measurement
NT frequency standards
RT atomic clocks
frequency control
frequency meters
laser variables measurement
tachometers
time measurement
DEU Frequenzmessung

frequency meters
BT meters
RT atomic clocks
frequency measurement
time measurement
wavemeters
DEU Frequenzmesser
DSY Frequenzmessgerät

frequency modulated radar
USE FM radar

frequency modulation
BT angle modulation
NT FM radar
frequency shift keying
pulse compression
pulse frequency modulation
UF *frequency modulation, optical / frequency modulation + optical modulation*
RT chirp modulation
demodulation
demodulators
modulators
signal processing
vocoders
DEU Frequenzmodulation

frequency modulation, optical
USE frequency modulation
\+ optical modulation

frequency multipliers
BT frequency convertors
SY *frequency doublers*
frequency triplers
multipliers, frequency

RT multivibrators
pulse circuits
varactors
DEU Frequenzvervielfacher

frequency re-use
USE frequency allocation

frequency regulation
USE frequency control

frequency response
RT Bode diagrams
control system analysis
control system synthesis
frequency-domain analysis
frequency-domain synthesis
identification
phase space methods
sensitivity
sensitivity analysis
transfer functions
DEU Frequenzgang

frequency selective surfaces
SY *FSS*
PT antenna theory
RT antenna theory
electromagnetic metamaterials
electromagnetic wave reflection
electromagnetic wave scattering
electromagnetic wave transmission
microwave metamaterials
radomes
reflector antennas
terahertz metamaterials
DEU frequenzselektive Oberfläche

frequency shift keying
BT frequency modulation
UF *continuous phase frequency shift keying / continuous phase modulation + frequency shift keying*
UF *CPFSK / continuous phase modulation + frequency shift keying*
SY *FSK*
Gaussian frequency shift keying
GFSK
MFSK
multiple frequency shift keying
QFSK
quadrature frequency shift keying
PT frequency modulation
RT minimum shift keying
DEU Frequenzumtastung

frequency stability
BT stability
NT laser frequency stability
RT frequency control
frequency standards
oscillators
DEU Frequenzstabilität

frequency standards
BT frequency measurement
measurement standards
PT frequency measurement
measurement standards
RT atomic clocks
frequency stability
time measurement
DEU Frequenznorm

frequency synthesisers
USE frequency synthesizers

frequency synthesizers
BT signal generators
NT direct digital synthesis
SY *frequency synthesisers*
RT frequency convertors
frequency locked loops
oscillators
phase locked loops
prescalers
DEU Frequenzsynthesizer

frequency triplers
USE frequency multipliers

frequency-domain analysis
BT mathematical analysis
NT time-frequency analysis
RT control system analysis
frequency response
frequency-domain synthesis
network analysis
Nyquist diagrams
poles and zeros
root loci
DEU Frequenzbereichsanalyse

frequency-domain synthesis
PT network synthesis
RT control system synthesis
frequency response
frequency-domain analysis
network synthesis
Nyquist diagrams
poles and zeros
root loci
DEU Frequenzbereichsynthese

frequency-voltage converters
USE voltage-frequency convertors

frequency-voltage convertors
USE voltage-frequency convertors

Frequenzabstimmeinrichtung
DEU for tuners

Frequenzagilität
DEU for frequency agility

Frequenzbandmanagement
DEU for radio spectrum management

frequenzbegrenzte Kommunikation
DUS für bandlimited communication

frequenzbegrenzter Signal
DUS für bandlimited signals

Frequenzbegrenzungssignal
DUS für bandlimited signals

Frequenzbereichsanalyse
DEU for frequency-domain analysis

Frequenzbereichsmanagement
DUS für radio spectrum management

Frequenzbereichsynthese
DEU for frequency-domain synthesis

Frequenzgang
DEU for frequency response

frequenzgeteilter Mehrfachzugriff
DEU for frequency division multiple access

Frequenzkompression
DUS für bandwidth compression

Frequenzkonverter
DEU for frequency convertors

Frequenzmesser
DEU for frequency meters

Frequenzmessgerät
DUS für frequency meters

Frequenzmessung
DEU for frequency measurement

Frequenzmodell des Magnetismus
DUS für band model of magnetism

Frequenzmodulation
DEU for frequency modulation

frequenzmoduliertes Radar
DUS für FM radar

Frequenzmultiplex
DEU for frequency division multiplexing

Frequenznorm
DEU for frequency standards

Frequenzpassfilter
DUS für band-pass filters

Frequenzregelschleife
DEU for frequency locked loops

Frequenzregelung
DEU for frequency control

Frequenzschätzung
DEU for frequency estimation

Frequenzschleife
DUS für frequency locked loops

frequenzselektive Oberfläche
DEU for frequency selective surfaces

Frequenzsperrfilter
DUS für band-stop filters

Frequenzsprungkommunikation
DEU for frequency hop communication

Frequenzstabilität
DEU for frequency stability

Frequenzstoppfilter
DUS für band-stop filters

Frequenzstruktur
DUS für band structure

Frequenzsynthesizer
DEU for frequency synthesizers

Frequenzteiler
DEU for frequency dividers

Frequenzteilung
DUS für frequency dividers

Frequenztheorie
DUS für band theory

Frequenzumsetzer
DEU for mixers (circuits)

Frequenzumtastung
DEU for frequency shift keying

frequenzveränderbarer Oszillator
DEU for variable-frequency oscillators

Frequenzverdopplung
DEU for harmonic generation

Frequenzverteiler
DEU for prescalers

Frequenzvervielfacher
DEU for frequency multipliers

Frequenzvorverteiler
DUS für prescalers

Frequenzzuordnung
DEU for wavelength assignment

Frequenzzuteilung
DEU for frequency allocation

Frequenzzuweisung
DUS für wavelength assignment

Fresnel diffraction
BT light diffraction
PT light diffraction
RT Fraunhofer diffraction
holography
DEU Fresnel-Beugung

Fresnel-Beugung
DEU for Fresnel diffraction

fretting
USE wear

friction
BT dynamics
mechanical properties
tribology
NT internal friction
rolling friction
sliding friction
stick-slip
stiction
RT abrasion
braking
drag
drag reduction
friction welding
lubrication
triboelectricity
wear
DEU Reibung

friction stir processing
USE heat treatment
\+ surface treatment

friction welding
BT welding
PT welding
RT friction
DEU Reibschweißen

friction, internal
USE internal friction

frictional electricity
USE triboelectricity

front-end processors
USE satellite computers

front-ends for online searching
USE online front-ends

frost
USE ice

froth flotation
USE flotation (process)

fruit
USE agricultural products
\+ food products

frustration
BT magnetism
SY *magnetic frustration*
spin frustration
RT antiferromagnetism
magnetic structure
magnetic susceptibility
magnetic transitions
spin glasses
DEU Frustration (Magnetismus)

Frustration (Magnetismus)
DEU for frustration

FSGO calculations
USE GO calculations

FSK
USE frequency shift keying

FSM
USE finite state machines

FSS
USE frequency selective surfaces

FTTB
USE optical fibre subscriber loops

FTTC
USE optical fibre subscriber loops

FTTH
USE optical fibre subscriber loops

FU Ori stars
USE pre-main-sequence stars

Fügewerkstoff
DEU for joining materials

Führungsbegriff
DEU for management

Führungskräfteausbildung
DEU for management education

Führungssystem
DEU for steering systems

fuel
BT energy resources
manufactured products
NT biofuel
coke
fission reactor fuel
fossil fuels
fusion reactor fuel
petroleum
pulverised fuels
syngas
UF *fuel additives / additives* + *fuel*
UF *rocket propellants / fuel* + *propellants* + *rocket engines* + *rockets*
RT aerospace propulsion
coal gasification
fuel economy
fuel processing
fuel storage
fuel systems
power stations
propellants
DEU Brennstoff

fuel additives
USE additives
\+ fuel

fuel cell power plants
BT power plants
PT fuel cells
power plants
RT alkaline fuel cells
direct alcohol fuel cells
direct carbon fuel cells
direct ethanol fuel cells
direct methanol fuel cells
enzymatic fuel cells
fuel cells
microbial fuel cells
molten carbonate fuel cells
phosphoric acid fuel cells
proton exchange membrane fuel cells
solid oxide fuel cells
DEU Brennstoffzellenkraftwerk

fuel cell vehicles
BT electric vehicles
PT electric vehicles
fuel cells
RT electric propulsion
energy storage
fuel cells
hybrid electric vehicles
traction motor drives
traction motors
DEU Brennstoffzellenfahrzeug

fuel cells
BT cells (electric)
NT alkaline fuel cells
direct alcohol fuel cells
direct carbon fuel cells
enzymatic fuel cells
microbial fuel cells
molten carbonate fuel cells
phosphoric acid fuel cells
proton exchange membrane fuel cells
solid oxide fuel cells
UF *regenerative fuel cells / electrolytic devices* + *fuel cells* + *microbial electrolysis cells* + *solid oxide electrolysis cells*
RT fuel cell power plants
fuel cell vehicles
fuel gasification
hydrogen production
microreactors
steam reforming
DEU Brennstoffzelle

fuel desulfurization
USE fuel desulphurisation

fuel desulphurisation
BT fuel processing
SY *fuel desulfurization*
RT air pollution control
coal
flue gas desulphurisation
fuel processing industries
natural gas technology
oil refining
petroleum
petroleum industry
scrubbers (materials handling)
DEU Kraftstoffentschwefelung
DSY Treibstoffentschwefelung

fuel economy
BT energy resources
PT fuel
RT energy conservation
engines
environmental factors
fuel
hydrogen economy
DEU Brennstoffökonomie
DSY Brennstoffwirtschaft

fuel element failure
BT fission reactor accidents
PT accidents
fission reactor safety
RT coolant-fuel interactions
explosions
fission reactor fuel
DEU Brennelementdefekt
DSY Brennelementedefekt
Brennelementefehler
Brennelementfehler

fuel elements
USE fission reactor fuel

fuel filters
USE filtration
\+ fuel systems
DEU Kraftstofffilter

fuel gasification
BT fuel processing
NT coal gasification
steam reforming
water gas shift
SY *biomass gasification*
RT bioenergy conversion
biofuel
combustion
fluidised beds
fuel cells
fuel processing industries
hydrogen production
pyrolysis
renewable energy sources
renewable materials
syngas
DEU Brennstoffvergasung

fuel injection
USE fuel systems

fuel oil
USE petroleum

fuel optimal control
BT optimal control
PT optimal control
DEU optimale Treibstoffregelung
DSY optimale Treibstoffsteuerung

fuel processing
NT fuel desulphurisation
fuel gasification
oil refining
RT bioenergy conversion
fission reactor fuel preparation
fission reactor fuel reprocessing
fuel
fuel processing industries
gas industry
hydrogen production
natural gas technology
petroleum industry
pyrolysis
renewable energy sources
syngas
DEU Benzinaufbereitung
DSY Betriebsstoffaufbereitung
Brennmaterialaufbereitung
Brennmittelaufbereitung
Brennstoffaufbereitung
Feuerungsmaterialaufbereitung
Kraftstoffaufbereitung
Kraftstoffausbereitung
Treibmittelaufbereitung
Treibstoffaufbereitung

fuel processing industries
BT manufacturing industries
UF *coal industry / coal + fuel processing industries + mining industry*
RT biofuel
coal ash
coke
energy security

fission reactor fuel preparation
fission reactor fuel reprocessing
fuel desulphurisation
fuel gasification
fuel processing
mining industry
oil refining
petroleum industry
steam reforming
syngas
DEU Brennstoffindustrie
DSY Treibstoffindustrie

fuel pumps
BT fuel systems
pumps
PT pumps
RT engines
DEU Kraftstoffpumpe

fuel storage
BT storage
UF *fuel tanks / fuel storage + fuel systems + tanks (containers)*
UF *oil tanks / fuel storage + oil technology + tanks (containers)*
RT fuel
fuel systems
tanks (containers)
DEU Benzinspeicher
DSY Treibstoffspeicher

fuel systems
BT machine components
NT carburettors
fuel pumps
UF *afterburners / fuel systems + incineration + jet engines*
UF *fuel filters / filtration + fuel systems*
SY *fuel injection*
UF *fuel tanks / fuel storage + fuel systems + tanks (containers)*
UF *superchargers / compressors + fuel systems*
UF *turbochargers / compressors + fuel systems*
RT engines
fuel
fuel storage
intake systems (machines)
tanks (containers)
DEU Brennstoffsystem

fuel tanks
USE fuel storage
\+ fuel systems
\+ tanks (containers)

Füllen
DUS für filling

Füllmaterial
DEU for filler metals

Füllstandsanzeige
DEU for level meters

Füllstandsmesser
DUS für level meters

Füllstandsmessung
DEU for level measurement

Füllstoff
DUS für filler metals

Füllwerkstoff
DUS für filler metals

fugacity
BT thermodynamic properties
RT chemical potential
equations of state
geochemistry
phase equilibrium
solutions
vapour pressure
DEU Gasübergang
DSY Vergasung

Fugenlöten
DEU for braze welding

fulfilment, subscription
USE publishing

full wave rectification
USE rectification

full wave rectifiers
USE rectifying circuits

full-text databases
BT information retrieval systems
UF *signature files / full-text databases + information retrieval*
PT information retrieval systems
RT bibliographic systems
digital libraries
document delivery
DEU Volltextdatenbank

Fullerenbauelement
DEU for fullerene devices

Fullerene
DEU for fullerenes

fullerene compounds
SY *C60 compounds*
C70 compounds
fullerides
UF *fullerites / fullerene compounds + fullerenes*
PT fullerenes
RT atomic clusters
carbon compounds
fullerene devices
fullerenes
inorganic compounds
intercalation compounds
organic compounds
superconducting materials
DEU Fullerenverbindung

fullerene devices
BT molecular electronics
PT fullerene compounds
fullerenes
RT carbon nanotube field effect transistors
fullerene compounds
fullerenes
nanotechnology
nanotube devices
DEU Fullerenbauelement

fullerenes
SY *buckminsterfullerene*
buckyballs
buckytubes
C60
C70
UF *fullerites / fullerene compounds + fullerenes*
PT atomic clusters
carbon
RT atomic clusters
carbon
carbon nanotubes
fullerene compounds
fullerene devices
graphite
DEU Fullerene

Fullerenverbindung
DEU for fullerene compounds

fullerides
USE fullerene compounds

fullerites
USE fullerene compounds
\+ fullerenes

function approximation
BT numerical analysis
NT Chebyshev approximation
RT approximation theory
boundary-elements methods
extrapolation
finite element analysis
function evaluation
interpolation
rational functions
relaxation theory
splines (mathematics)
DEU Näherungsfunktion

function evaluation
BT numerical analysis
RT boundary-elements methods
finite element analysis
function approximation
relaxation theory
DEU Funktionsbewertung

function generators
BT signal generators
NT pulse generators
waveform generators
SY *arbitrary waveform generators*
RT analogue circuits
analogue computer circuits
chaos generators
DEU Funktionsgenerator

function point analysis
USE software cost estimation

functional analysis
BT numerical analysis
NT harmonic analysis
RT Banach spaces
boundary-elements methods
density functional theory
finite element analysis
functional equations
Hilbert spaces
relaxation theory
DEU Funktionalanalysis
DSY funktionale Analyse (Mathematik)
funktionale Analysis
Funktionsanalyse (Mathematik)

functional equations
BT equations
numerical analysis
RT functional analysis

DEU Funktionalgleichung

functional languages
BT high level languages
NT LISP
ML language
Scheme
SY *Haskell*
PT high level languages
RT functional programming
DEU funktionale Sprache

functional magnetic resonance imaging
USE biomedical MRI

functional MRI (biomedical)
USE biomedical MRI

functional neuromuscular stimulation
USE neuromuscular stimulation

functional programming
BT programming
PT programming
RT functional languages
DEU funktionale Programmierung

functionally graded materials
BT materials
SY *FGM*
functionally gradient materials
RT ceramics
cermets
composite materials
powder technology
thermal barrier coatings
thermal insulating materials
thermal stresses
DEU Funktionsgradientenwerkstoff
DSY Gradientenwerkstoff

functionally gradient materials
USE functionally graded materials

functions
BT mathematics
NT Bessel functions
Boolean functions
describing functions
Green's function methods
nonlinear functions
random functions
rational functions
recursive functions
switching functions
transfer functions
transforms
vertex functions
Walsh functions
RT calculus
DEU Funktion

fundamental constants
USE constants

fundamental law tests
BT physics fundamentals
DEU Prüfung physikalischer Gesetze
DSY Test physikalischer Grundlagengesetze

fundamental particles
USE elementary particles

fundamentals of physics
USE physics fundamentals

Fundstellenkarte
DEU for finding charts

fungicides
USE agrochemicals
\+ chemical products

Funk-Sende- und Empfangsgerät
DEU for radio transceivers

Funk-Sender und Empfänger
DUS für radio transceivers

Funkausrüstung
DEU for radio equipment

Funkbreitenmanagement
DUS für radio spectrum management

Funke
DEU for sparks

Funkelrauschen
DEU for 1/f noise

Funkempfänger
DEU for radio receivers

Funkempfang
DEU for radio reception

Funkempfangsgerät
DUS für radio receivers

Funken-Zähler
DEU for spark counters

Funkenerosionsmaschine
DEU for spark machining

Funkenkammer
DEU for spark chambers

Funkenstrecke
DEU for spark gaps

Funkfernmessung
DEU for radiotelemetry

Funkfernsprechen
DEU for radiotelephony

Funkfernsprechtechnik
DUS für radiotelephony

Funkfrequenzleistungsverstärker
DEU for radiofrequency power amplifiers

Funkgerät
DUS für radio equipment

Funkhöhenmesser
DEU for radioaltimeters

Funkkanal
DEU for broadcast channels

Funkkommunikation
DUS für radiocommunication

Funknavigation
DEU for radionavigation

Funknetz
DEU for radio networks

Funkpeilung
DEU for radio direction-finding

Funkrelaisstation
DUS für radio transceivers

Funkrückdiffusion
DEU for radio rediffusion

Funksende- und -empfangsgerät
DUS für radio transceivers

Funksender
DEU for radio transmitters

Funksender und -Empfänger
DUS für radio transceivers

Funksignalempfänger
DUS für radio receivers

Funksoftware
DEU for software radio

Funkstation
DEU for radio stations

Funkstromübertragung
DEU for radiofrequency power transmission

Funkstudio
DEU for radio studios

Funksystem
DEU for radio systems

Funktelefon
DUS für radiotelephony

Funktelefonie
DUS für radiotelephony

Funktelegrafie
DEU for radiotelegraphy

Funktelegraphie
DUS für radiotelegraphy

Funktion
DEU for functions

Funktionalanalysis
DEU for functional analysis

funktionale Analyse (Mathematik)
DUS für functional analysis

funktionale Analysis
DUS für functional analysis

funktionale Programmierung
DEU for functional programming

funktionale Sprache
DEU for functional languages

Funktionalgleichung
DEU for functional equations

Funktionsanalyse (Mathematik)
DUS für functional analysis

Funktionsbewertung
DEU for function evaluation

Funktionsgenerator
DEU for function generators

Funktionsgradientenwerkstoff
DEU for functionally graded materials

Funktransceiver
DUS für radio transceivers

Funkverbindung
DEU for radio links

Funkverfolgung
DEU for radio tracking

Funkverstärker
DEU for radio repeaters

Funkwelle
DEU for radiowaves

Funkzugangsnetz
DEU for radio access networks

fuors
USE pre-main-sequence stars

furnaces
NT blast furnaces
electric furnaces
kilns
UF *glass furnaces / furnaces + glass manufacture*
UF *solar furnaces / furnaces + solar energy concentrators + solar heating*
UF *steel furnaces / furnaces + steel manufacture*
RT boilers
combustion
combustion equipment
foundries
gas appliances
heating
high-temperature techniques
linings
ovens
refractories
DEU Schmelzofen

furniture
BT consumer products
RT computer installation
furniture industry
office automation
seats
wood products
DEU Möbel

furniture industry
BT manufacturing industries
RT furniture
wood processing
DEU Möbelindustrie

Furry theorem
USE quantum electrodynamics

further education
BT education
SY *higher education*
undergraduate education
RT continuing education
educational institutions
DEU Fortbildung
DSY Weiterbildung

fused deposition modelling
USE rapid prototyping (industrial)

fuselages
USE aerospace components

fuses (detonation)
USE fuzes (detonation)

fuses, electric
USE electric fuses

fusion
USE melting

fusion reactor blankets
BT fusion reactor materials
SY *breeding blankets (fusion reactors)*
PT fusion reactor materials
RT fusion reactor fuel
DEU Fusionsreaktorblanket

fusion reactor decommissioning
BT nuclear facility decommissioning
DEU Fusionsreaktor-Außerbetriebnahme
DSY Fusionsreaktor-Außerbetriebsetzung
Fusionsreaktor-Stilllegung
Fusionsreaktoraußerbetriebnahme
Fusionsreaktoraußerbetriebsetzung
Fusionsreaktorstilllegung

fusion reactor design
BT design
fusion reactors
NT particle beam fusion accelerators
PT fusion reactor theory and design
RT fusion reactor ignition
fusion reactor materials

fusion reactor reaction chamber
fusion reactor safety
fusion reactor theory
plasma confinement
plasma heating
DEU Fusionsreaktordesign
DSY Fusionsreaktorentwurf

fusion reactor divertors
BT fusion reactor materials
SY *diverters (fusion reactors)*
divertors (fusion reactors)
RT fusion reactor limiters
DEU Fusionsreaktorablenker

fusion reactor fuel
BT fuel
fusion reactor materials
UF *nuclear reactor fuel / fission reactor fuel + fusion reactor fuel*
SY *thermonuclear fuels*
PT fusion reactor materials
fusion reactors
RT fusion reactor blankets
fusion reactor ignition
fusion reactor targets
tritium handling
DEU Fusionsreaktorbrennstoff

fusion reactor ignition
BT fusion reactors
NT laser fusion
SY *thermonuclear ignition*
PT fusion reactors
plasma heating
plasma production
RT fusion reactor design
fusion reactor fuel
fusion reactor materials
fusion reactor operation
fusion reactor theory
particle beam fusion accelerators
plasma beam injection heating
plasma confinement
plasma heating
plasma heating by laser
plasma ohmic heating
plasma production
DEU Fusionsreaktorzündung

fusion reactor instrumentation
BT fusion reactors
nuclear reactor instrumentation
PT nuclear reactor instrumentation
RT fission reactor instrumentation
DEU Fusionsreaktorinstrumentierung

fusion reactor limiters
BT fusion reactor materials
SY *limiters (fusion reactors)*
PT fusion reactor materials
RT fusion reactor divertors
fusion reactor safety
plasma confinement
DEU Fusionsreaktorbegrenzer

fusion reactor materials
BT fusion reactors
materials
NT fusion reactor blankets
fusion reactor divertors
fusion reactor fuel
fusion reactor limiters
fusion reactor targets
UF *nuclear reactor materials / fission reactor materials + fusion reactor materials*
SY *thermonuclear reactor materials*
thermonuclear reactor walls
PT fusion reactors
materials
RT fusion reactor design
fusion reactor ignition
fusion reactor theory
radioactive waste
superconducting materials
swelling
DEU Fusionsreaktormaterial
DSY Fusionsreaktorwerkstoff

fusion reactor operation
BT fusion reactors
UF *nuclear reactor operation / fission reactor operation + fusion reactor operation*
PT fusion reactors
RT fusion reactor ignition
fusion reactor safety
nuclear engineering
nuclear reactor maintenance
DEU Fusionsreaktorbetrieb

fusion reactor reaction chamber
BT fusion reactors
SY *thermonuclear reaction chamber*
PT fusion reactor theory and design
RT fusion reactor design
plasma confinement
DEU Fusionsreaktorreaktionskammer
DSY Reaktorreaktionskammer

fusion reactor safety
BT fusion reactors
safety
PT fusion reactors

safety
RT accidents
fusion reactor design
fusion reactor limiters
fusion reactor operation
fusion reactor theory
nuclear reactor maintenance
nuclear reactor quality assurance
radiation protection
DEU Fusionsreaktorsicherheit

fusion reactor targets
BT fusion reactor materials
RT fusion reactor fuel
plasma inertial confinement
DEU Fusionsreaktorbrennstofftarget
DSY Fusionsreaktortarget

fusion reactor theory
BT fusion reactors
PT fusion reactor theory and design
RT fusion reactor design
fusion reactor ignition
fusion reactor materials
fusion reactor safety
plasma confinement
plasma heating
DEU Fusionsreaktortheorie

fusion reactors
NT fusion reactor design
fusion reactor ignition
fusion reactor instrumentation
fusion reactor materials
fusion reactor operation
fusion reactor reaction chamber
fusion reactor safety
fusion reactor theory
hybrid reactors
UF *ICF / fusion reactors + plasma inertial confinement*
UF *inertial confinement fusion / fusion reactors + plasma inertial confinement*
SY *nuclear fusion reactors*
UF *thermonuclear devices / fusion reactors + plasma devices*
RT nuclear engineering
plasma confinement
plasma heating
plasma inertial confinement
plasma production
radioactive waste
DEU Fusionsreaktor

fusion splicing
USE optical fibre fabrication
\+ splicing

fusion welding
BT welding
PT welding
RT melting
DEU Schmelzschweißen

fusion, nuclear
USE nuclear fusion

fusion-fission reactors
USE hybrid reactors

Fusionspartikelstrahlen-Beschleuniger
DEU for particle beam fusion accelerators

Fusionspartikelstrahlenbeschleuniger
DUS für particle beam fusion accelerators

Fusionspartikelstrahlungs-Beschleuniger
DUS für particle beam fusion accelerators

Fusionspartikelstrahlungsbeschleuniger
DUS für particle beam fusion accelerators

Fusionsreaktor
DEU for fusion reactors

Fusionsreaktor-Außerbetriebnahme
DEU for fusion reactor decommissioning

Fusionsreaktor-Außerbetriebsetzung
DUS für fusion reactor decommissioning

Fusionsreaktor-Stilllegung
DUS für fusion reactor decommissioning

Fusionsreaktorablenker
DEU for fusion reactor divertors

Fusionsreaktoraußerbetriebnahme
DUS für fusion reactor decommissioning

Fusionsreaktoraußerbetriebsetzung
DUS für fusion reactor decommissioning

Fusionsreaktorbegrenzer
DEU for fusion reactor limiters

Fusionsreaktorbetrieb
DEU for fusion reactor operation

Fusionsreaktorblanket
DEU for fusion reactor blankets

Fusionsreaktorbrennstoff
DEU for fusion reactor fuel

Fusionsreaktorbrennstofftarget
DEU for fusion reactor targets

Fusionsreaktordesign
DEU for fusion reactor design

Fusionsreaktorentwurf
DUS für fusion reactor design

Fusionsreaktorinstrumentierung
DEU for fusion reactor instrumentation

Fusionsreaktormaterial
DEU for fusion reactor materials

Fusionsreaktorreaktionskammer
DEU for fusion reactor reaction chamber

Fusionsreaktorsicherheit
DEU for fusion reactor safety

Fusionsreaktorstilllegung
DUS für fusion reactor decommissioning

Fusionsreaktortarget
DUS für fusion reactor targets

Fusionsreaktortheorie
DEU for fusion reactor theory

Fusionsreaktorwerkstoff
DUS für fusion reactor materials

Fusionsreaktorzündung
DEU for fusion reactor ignition

Fusionsteilchen-Strahlenbeschleuniger
DUS für particle beam fusion accelerators

Fusionsteilchen-Strahlungsbeschleuniger
DUS für particle beam fusion accelerators

Fusionsteilchenstrahlenbeschleuniger
DUS für particle beam fusion accelerators

Fusionsteilchenstrahlungsbeschleuniger
DUS für particle beam fusion accelerators

Fußgänger
DEU for pedestrians

Futter
DUS für linings

Futtermittelsicherheit
DEU for feed safety

future developments
USE technological forecasting

Futurebus
USE system buses

futures trading
USE commodity trading

fuzes (detonation)
SY *fuses (detonation)*
RT detonation
explosives
ignition
military computing
military equipment
military systems
missiles
projectiles
weapons
DEU Zünder
DSY Zündschnur

fuzzy control
BT artificial intelligence
control theory
SY *fuzzy logic control*
PT fuzzy logic
fuzzy set theory
RT adaptive control
computerised control
fuzzy logic
fuzzy set theory
fuzzy systems
intelligent control
neural nets
servomechanisms
DEU Fuzzy-basierte Steuerung und Regelung
DSY Fuzzy-Kontrolle
Fuzzy-Regelung
Fuzzy-Steuerung

fuzzy inference
USE fuzzy reasoning

fuzzy logic
BT formal logic
UF *soft computing / fuzzy logic + neural nets + uncertainty handling*
PT formal logic
fuzzy set theory
RT fuzzy control
fuzzy neural nets
fuzzy reasoning
fuzzy set theory
fuzzy systems
multivalued logic
possibility theory
probabilistic logic
ternary logic
DEU Fuzzy-Logik

fuzzy logic control
USE fuzzy control

fuzzy neural nets
BT neural nets
PT neural nets
RT fuzzy logic
fuzzy systems
DEU Fuzzy-Neuronalnetz
DSY neuronales Fuzzynetz

fuzzy reasoning
BT inference mechanisms
SY *fuzzy inference*
PT fuzzy logic
inference mechanisms
uncertainty handling
RT fuzzy logic
uncertainty handling
DEU Fuzzy-Schlussfolgerung

fuzzy set theory
BT set theory
PT set theory
RT formal concept analysis
formal logic
fuzzy control
fuzzy logic
fuzzy systems
granular computing
possibility theory
rough set theory
TOPSIS
uncertain systems
uncertainty handling
DEU Fuzzy-Mengenlehre

fuzzy systems
BT uncertain systems
RT fuzzy control
fuzzy logic
fuzzy neural nets
fuzzy set theory
grey systems
DEU Fuzzy-System

Fuzzy-basierte Steuerung und Regelung
DEU for fuzzy control

Fuzzy-Kontrolle
DUS für fuzzy control

Fuzzy-Logik
DEU for fuzzy logic

Fuzzy-Mengenlehre
DEU for fuzzy set theory

Fuzzy-Neuronalnetz
DEU for fuzzy neural nets

Fuzzy-Regelung
DUS für fuzzy control

Fuzzy-Schlussfolgerung
DEU for fuzzy reasoning

Fuzzy-Steuerung
DUS für fuzzy control

Fuzzy-System
DEU for fuzzy systems

g-factor
SY *Lande splitting factor*
RT gyromagnetic ratio
nuclear magnetic moment
spectra (general)
Zeeman effect
DEU g-Faktor

g-Faktor
DEU for g-factor

g-line lithography
USE photolithography

Ga (chemical element)
USE gallium
DEU Ga (chemisches Element)

Ga (chemisches Element)
DEU for Ga (chemical element)

GaAs
USE gallium arsenide

Gabelstapler
DEU for fork lift trucks

Gabor filters
BT filters
PT filtering theory
RT feature extraction
filtering theory
image classification
image segmentation
image texture
DEU Gabor-Filter

Gabor-Filter
DEU for Gabor filters

gadolinium
BT lanthanoides
rare earth metals
SY *Gd (chemical element)*
RT gadolinium alloys
gadolinium compounds
DEU Gadolinium

gadolinium alloys
BT rare earth alloys
PT rare earth alloys
RT gadolinium
gadolinium compounds
DEU Gadoliniumlegierung

gadolinium compounds
BT rare earth compounds
RT gadolinium
gadolinium alloys
DEU Gadoliniumverbindung

Gadoliniumlegierung
DEU for gadolinium alloys

Gadoliniumverbindung
DEU for gadolinium compounds

Gadolinium
DEU for gadolinium

gain (amplification)
USE amplification

gain control
BT electric variables control
NT automatic gain control
SY *gain regulation*
volume control (gain)
RT amplification
amplifiers
gain measurement
receivers
transceivers
transmitters
DEU Verstärkungsregelung

gain measurement
BT electric variables measurement
SY *amplification measurement*
RT amplification
gain control
DEU Verstärkungsmessung

gain regulation
USE gain control

gait analysis
BT biomechanics
SY *walking*
PT biomechanics
RT artificial limbs
biomedical measurement
kinematics
legged locomotion
sport
DEU Analyse der Gehbewegung
DSY Ganganalyse
Schrittanalyse

galactic accretion disks
USE accretion disks
\+ galactic nuclei

Galactic centre
BT galactic nuclei
Galaxy
PT galactic nuclei
Galaxy
DEU galaktisches Zentrum
DSY Galaxienzentrum

galactic cosmic rays
BT primary cosmic rays
UF *Compton-Getting effect / cosmic ray propagation + cosmic ray variations + galactic cosmic rays*
SY *GCR (astronomical)*
PT cosmic rays
The Galaxy
DEU galaktische kosmische Strahlung
DSY kosmische Galaxienstrahlung

galactic disks
USE galaxies

galactic halos
USE galaxies

galactic nebulae
USE nebulae

galactic nuclei
BT galaxies
NT Galactic centre
UF *active galactic nuclei / active galaxies + galactic nuclei*
UF *galactic accretion disks / accretion disks + galactic nuclei*
UF *superluminal motion / galactic nuclei + quasars + radiogalaxies*
PT galaxies
RT accretion disks
active galaxies
BL Lac-type objects
black holes
quasars
radiogalaxies
Seyfert galaxies
DEU galaktischer Kern
DSY Galaxienkern

Galactic radiowaves
USE radiofrequency cosmic radiation

galactic structure
USE galaxies

galaktische kosmische Strahlung
DEU for galactic cosmic rays

galaktischer Kern
DEU for galactic nuclei

galaktisches Zentrum
DEU for Galactic centre

Galaxie
DEU for galaxies

Galaxie (Milchstraße)
DEU for Galaxy

Galaxiencluster
DEU for clusters of galaxies

Galaxienhaufen
DUS für clusters of galaxies

Galaxienkern
DUS für galactic nuclei

Galaxienzentrum
DUS für Galactic centre

galaxies
NT active galaxies
galactic nuclei
Galaxy
Magellanic Clouds
SY *compact galaxies*
disk galaxies
dwarf galaxies
elliptical galaxies
UF *extragalactic H II regions / galaxies + H II regions*
SY *galactic disks*
galactic halos
galactic structure
interacting galaxies
irregular galaxies
lenticular galaxies
peculiar galaxies
ring galaxies
spiral galaxies
RT astronomy
clusters of galaxies
gravitational lenses
N-body simulations (astronomical)
rotating bodies
stellar dynamics
DEU Galaxie

Galaxy
BT galaxies
NT Galactic centre
SY *Milky Way*
The Galaxy
PT The Galaxy
RT astronomy
DEU Galaxie (Milchstraße)

galaxy clusters
USE clusters of galaxies

Galerkin method
BT Rayleigh-Ritz methods
PT numerical analysis
RT boundary-value problems
convergence of numerical methods
finite element analysis
DEU Galerkin-Verfahren

Galerkin-Verfahren
DEU for Galerkin method

Galileo (satellite navigation)
USE satellite navigation

Galileo satellite navigation system
USE satellite navigation

gallium
BT metals
SY *Ga (chemical element)*
RT gallium alloys
gallium compounds
DEU Gallium

gallium alloys
BT alloys
PT gallium compounds
RT gallium
gallium compounds
DEU Galliumlegierung

gallium arsenide
BT arsenic compounds
gallium compounds
SY *GaAs*
DEU Galliumarsenid

gallium compounds
BT inorganic compounds
NT gallium arsenide
RT gallium
gallium alloys
DEU Galliumverbindung

Galliumarsenid
DEU for gallium arsenide

Galliumlegierung
DEU for gallium alloys

Galliumverbindung
DEU for gallium compounds

Gallium
DEU for gallium

galloping, overhead lines
USE overhead line mechanical characteristics

Galois fields
BT algebra
RT decoding
error correction codes
polynomials
signal processing
DEU Galois-Feld

Galois-Feld
DEU for Galois fields

Galvanikgestell
DUS für electrolytic devices

galvanische Gewinnung
DEU for electrowinning

galvanische Schicht
DEU for electrodeposits

galvanische Zelle
DUS für cells (electric)

galvanisches Abscheiden
DEU for electrodeposition

Galvanisieren
DEU for galvanising

galvanising
BT surface treatment
SY *galvanizing*
PT surface treatment
RT corrosion protection
metallurgical industries
protective coatings
DEU Galvanisieren

galvanizing
USE galvanising

galvanomagnetic effects
BT magnetic field effects
NT Hall effect
magnetoresistance
photoelectromagnetic effects
Suhl effect
thermomagnetic effects
SY *magnetotransport*
PT magnetoelectric effects
RT spin disorder resistivity
DEU galvanomagnetische Wirkung
DSY galvanomagnetischer Effekt

galvanomagnetische Wirkung
DEU for galvanomagnetic effects

galvanomagnetischer Effekt
DUS für galvanomagnetic effects

Galvanometer
DEU for galvanometers

galvanometers
BT meters
RT electric current measurement
DEU Galvanometer

galvanothermomagnetic effects
USE thermomagnetic effects

game programs
USE computer games

game theory
BT statistics
NT differential games
stochastic games
SY *Nash equilibrium*
RT competitive algorithms
decision theory
games of skill
information theory
mathematical programming
oligopoly
optimal control
Pareto distribution
predator-prey systems
probability
scheduling
DEU Spieltheorie

games of skill
BT artificial intelligence
NT computer games
PT artificial intelligence
game theory
RT game theory
personal computing
DEU Geschicklichkeitsspiel

gamma Cas stars
USE variable stars

gamma decay
USE nuclear energy level transitions

gamma distribution
BT statistical distributions
RT random processes
statistical analysis
statistics
DEU Gamma-Verteilung

gamma fission reaction
USE photofission

gamma radiation
USE gamma-rays

gamma spectra
USE gamma-ray spectra

gamma spectroscopy
USE gamma-ray spectroscopy

gamma transition
USE glass transition

gamma transport theory
USE photon transport theory

gamma-ray absorption
BT electromagnetic wave absorption
RT gamma-ray spectra
gamma-rays
DEU Gammastrahlen-Absorption
DSY Gammastrahlenabsorption
Gammastrahlungs-Absorption
Gammastrahlungsabsorption

gamma-ray angular distribution
RT gamma-ray spectra
gamma-ray spectroscopy
gamma-rays
nuclear energy level transitions
DEU Gamma-Strahlenwinkelverteilung
DSY Gamma-Strahlungswinkelverteilung
Gammastrahlenwinkel-Verteilung
Gammastrahlenwinkelverteilung
Gammastrahlungswinkel-Verteilung
Gammastrahlungswinkelverteilung

gamma-ray apparatus
NT gamma-ray spectrometers
RT biomedical equipment
collimators
explosive detection
gamma-ray applications
gamma-ray production
gamma-ray spectroscopy
gamma-rays
DEU Gammastrahlen-Apparat
DSY Gammastrahlenapparat
Gammastrahlungs-Apparat
Gammastrahlungsapparat

gamma-ray applications
RT gamma-ray apparatus
gamma-rays
radiation therapy
DEU Gammastrahlen-Anwendung
DSY Gammastrahlenanwendung
Gammastrahlungs-Anwendung
Gammastrahlungsanwendung

gamma-ray astronomical observations
USE gamma-ray astronomy
\+ gamma-ray sources (astronomical)

gamma-ray astronomy
BT astronomy
UF *cosmic ray photons / gamma-ray astronomy + X-ray astronomy*
UF *gamma-ray astronomical observations / gamma-ray astronomy + gamma-ray sources (astronomical)*
RT astronomical spectra
astronomical surveys
gamma-ray sources (astronomical)
DEU Gammastrahlen-Astronomie
DSY Gammastrahlenastronomie
Gammastrahlungs-Astronomie
Gammastrahlungsastronomie

gamma-ray bursters
USE gamma-ray bursts

gamma-ray bursts
BT gamma-ray sources (astronomical)
SY *afterglows (astronomical)*
cosmic gamma-ray bursts
gamma-ray bursters
PT gamma-ray sources (astronomical)
DEU Gammastrahlen-Explosion
DSY Gammastrahlen-Riss
Gammastrahlenexplosion
Gammastrahlenriss
Gammastrahlungs-Explosion
Gammastrahlungs-Riss
Gammastrahlungsexplosion
Gammastrahlungsriss

gamma-ray detection
BT radiation detection
PT gamma-ray detection and measurement
RT explosive detection
gamma-ray spectrometers
gamma-rays
radioactivity measurement
DEU Gammastrahlen-Detektion
DSY Gammastrahlen-Nachweis
Gammastrahlendetektion
Gammastrahlennachweis
Gammastrahlungs-Detektion
Gammastrahlungs-Nachweis
Gammastrahlungsdetektion
Gammastrahlungsnachweis

gamma-ray diffraction
BT electromagnetic wave diffraction
PT electromagnetic wave diffraction
RT crystallography
gamma-ray scattering
gamma-rays
DEU Gammastrahlen-Beugung
DSY Gammastrahlenbeugung
Gammastrahlungs-Beugung
Gammastrahlungsbeugung

gamma-ray effects
BT radiation effects
NT biological effects of gamma-rays
RT gamma-rays
DEU Gammastrahlen-Effekt
DSY Gammastrahlen-Wirkung
Gammastrahleneffekt
Gammastrahlenwirkung
Gammastrahlungs-Effekt
Gammastrahlungs-Wirkung
Gammastrahlungseffekt
Gammastrahlungswirkung

gamma-ray interactions
RT gamma-ray scattering
gamma-rays
DEU Gammastrahlen-Wechselwirkung
DSY Gammastrahlenwechselwirkung
Gammastrahlungs-Wechselwirkung
Gammastrahlungswechselwirkung

gamma-ray internal conversion
DEU Gammastrahlen-interne Umwandlung
DSY Gammastrahlungs-interne Umwandlung

gamma-ray lasers
BT solid lasers
PT laser theory
solid lasers
DEU Gammastrahlen-Laser
DSY Gammastrahlenlaser
Gammastrahlungs-Laser
Gammastrahlungslaser

gamma-ray polarisation
BT electromagnetic wave polarisation
SY *gamma-ray polarization*
PT gamma-ray scattering
gamma-ray spectra
polarisation
RT gamma-ray spectra
gamma-rays
nuclear energy level transitions
photon polarisation
DEU Gammastrahlen-Polarisation
DSY Gammastrahlenpolarisation
Gammastrahlungs-Polarisation
Gammastrahlungspolarisation

gamma-ray polarization
USE gamma-ray polarisation

gamma-ray production
UF *gamma-ray sources / gamma-ray production + radioactive sources*
RT gamma-ray apparatus
gamma-rays
DEU Gammastrahlen-Produktion
DSY Gammastrahlenproduktion
Gammastrahlungs-Produktion
Gammastrahlungsproduktion

gamma-ray radiography
USE radiography

gamma-ray scattering
BT electromagnetic wave scattering
RT Compton effect
gamma-ray diffraction
gamma-ray interactions
DEU Gammastrahlen-Streuung
DSY Gammastrahlenstreuung
Gammastrahlungs-Streuung
Gammastrahlungsstreuung

gamma-ray sources
USE gamma-ray production
\+ radioactive sources

gamma-ray sources (astronomical)
NT gamma-ray bursts
SY *cosmic gamma-ray sources*
UF *gamma-ray astronomical observations / gamma-ray astronomy + gamma-ray sources (astronomical)*
PT gamma-ray astronomy
RT gamma-ray astronomy
DEU astronomische Gammastrahlen-Quelle
DSY astronomische Gammastrahlenquelle
astronomische Gammastrahlungs-Quelle
astronomische Gammastrahlungsquelle
Gammastrahlen-Quelle (astronomisch)
Gammastrahlenquelle (astronomisch)
Gammastrahlungs-Quelle (astronomisch)
Gammastrahlungsquelle (astronomisch)

gamma-ray spectra
BT spectra (general)
NT Mossbauer effect
perturbed angular correlation
SY *gamma spectra*
RT bremsstrahlung
gamma-ray absorption
gamma-ray angular distribution
gamma-ray polarisation
gamma-ray spectrometers
gamma-ray spectroscopy
gamma-rays
nuclear cascades
nuclear decay theory
nuclear energy level transitions
radioactivity
DEU Gammastrahlen-Spektrum
DSY Gammastrahlenspektrum
Gammastrahlungs-Spektrum
Gammastrahlungsspektrum

gamma-ray spectrometers
BT gamma-ray apparatus
particle spectrometers
NT Mossbauer spectrometers
RT gamma-ray detection
gamma-ray spectra
gamma-ray spectroscopy
gamma-rays
DEU Gammastrahlen-Spektrometer
DSY Gammastrahlenspektrometer
Gammastrahlungs-Spektrometer
Gammastrahlungsspektrometer

gamma-ray spectroscopy
BT spectroscopy
NT Mossbauer spectroscopy
SY *gamma spectroscopy*
PT gamma-ray spectra
gamma-ray spectrometers
RT gamma-ray angular distribution
gamma-ray apparatus
gamma-ray spectra
gamma-ray spectrometers
gamma-rays
Mossbauer effect
DEU Gamma-Spektrometer
DSY Gammastrahlen-Spektroskopie
Gammastrahlenspektroskopie
Gammastrahlungs-Spektroskopie
Gammastrahlungsspektroskopie

gamma-ray transport
USE photon transport theory

gamma-rays
BT electromagnetic waves
SY *gamma radiation*
RT gamma-ray absorption
gamma-ray angular distribution
gamma-ray apparatus
gamma-ray applications
gamma-ray detection
gamma-ray diffraction
gamma-ray effects
gamma-ray interactions
gamma-ray polarisation
gamma-ray production
gamma-ray spectra
gamma-ray spectrometers
gamma-ray spectroscopy
photons
radioactivity
DEU Gamma-Strahlen
DSY Gamma-Strahlung
Gammastrahlen
Gammastrahlung

Gamma-Spektrometer
DEU for gamma-ray spectroscopy

Gamma-Strahlen
DEU for gamma-rays

Gamma-Strahlenwinkelverteilung
DEU for gamma-ray angular distribution

Gamma-Strahlung
DUS für gamma-rays

Gamma-Strahlungswinkelverteilung
DUS für gamma-ray angular distribution

Gamma-Verteilung
DEU for gamma distribution

Gammastrahlen
DUS für gamma-rays

Gammastrahlen-Absorption
DEU for gamma-ray absorption

Gammastrahlen-Anwendung
DEU for gamma-ray applications

Gammastrahlen-Apparat
DEU for gamma-ray apparatus

Gammastrahlen-Astronomie
DEU for gamma-ray astronomy

Gammastrahlen-Beugung
DEU for gamma-ray diffraction

Gammastrahlen-Detektion
DEU for gamma-ray detection

Gammastrahlen-Effekt
DEU for gamma-ray effects

Gammastrahlen-Explosion
DEU for gamma-ray bursts

Gammastrahlen-interne Umwandlung
DEU for gamma-ray internal conversion

Gammastrahlen-Laser
DEU for gamma-ray lasers

Gammastrahlen-Nachweis
DUS für gamma-ray detection

Gammastrahlen-Polarisation
DEU for gamma-ray polarisation

Gammastrahlen-Produktion
DEU for gamma-ray production

Gammastrahlen-Quelle (astronomisch)
DUS für gamma-ray sources
(astronomical)

Gammastrahlen-Riss
DUS für gamma-ray bursts

Gammastrahlen-Spektrometer
DEU for gamma-ray spectrometers

Gammastrahlen-Spektroskopie
DUS für gamma-ray spectroscopy

Gammastrahlen-Spektrum
DEU for gamma-ray spectra

Gammastrahlen-Streuung
DEU for gamma-ray scattering

Gammastrahlen-Wechselwirkung
DEU for gamma-ray interactions

Gammastrahlen-Wirkung
DUS für gamma-ray effects

Gammastrahlenabsorption
DUS für gamma-ray absorption

Gammastrahlenanwendung
DUS für gamma-ray applications

Gammastrahlenapparat
DUS für gamma-ray apparatus

Gammastrahlenastronomie
DUS für gamma-ray astronomy

Gammastrahlenbeugung
DUS für gamma-ray diffraction

Gammastrahlendetektion
DUS für gamma-ray detection

Gammastrahleneffekt
DUS für gamma-ray effects

Gammastrahlenexplosion
DUS für gamma-ray bursts

Gammastrahlenlaser
DUS für gamma-ray lasers

Gammastrahlennachweis
DUS für gamma-ray detection

Gammastrahlenpolarisation
DUS für gamma-ray polarisation

Gammastrahlenproduktion
DUS für gamma-ray production

Gammastrahlenquelle (astronomisch)
DUS für gamma-ray sources (astronomical)

Gammastrahlenriss
DUS für gamma-ray bursts

Gammastrahlenspektrometer
DUS für gamma-ray spectrometers

Gammastrahlenspektroskopie
DUS für gamma-ray spectroscopy

Gammastrahlenspektrum
DUS für gamma-ray spectra

Gammastrahlenstreuung
DUS für gamma-ray scattering

Gammastrahlenwechselwirkung
DUS für gamma-ray interactions

Gammastrahlenwinkel-Verteilung
DUS für gamma-ray angular distribution

Gammastrahlenwinkelverteilung
DUS für gamma-ray angular distribution

Gammastrahlenwirkung
DUS für gamma-ray effects

Gammastrahlung
DUS für gamma-rays

Gammastrahlungs-Absorption
DUS für gamma-ray absorption

Gammastrahlungs-Anwendung
DUS für gamma-ray applications

Gammastrahlungs-Apparat
DUS für gamma-ray apparatus

Gammastrahlungs-Astronomie
DUS für gamma-ray astronomy

Gammastrahlungs-Beugung
DUS für gamma-ray diffraction

Gammastrahlungs-Detektion
DUS für gamma-ray detection

Gammastrahlungs-Effekt
DUS für gamma-ray effects

Gammastrahlungs-Explosion
DUS für gamma-ray bursts

Gammastrahlungs-interne Umwandlung
DUS für gamma-ray internal conversion

Gammastrahlungs-Laser
DUS für gamma-ray lasers

Gammastrahlungs-Nachweis
DUS für gamma-ray detection

Gammastrahlungs-Polarisation
DUS für gamma-ray polarisation

Gammastrahlungs-Produktion
DUS für gamma-ray production

Gammastrahlungs-Quelle (astronomisch)
DUS für gamma-ray sources (astronomical)

Gammastrahlungs-Riss
DUS für gamma-ray bursts

Gammastrahlungs-Spektrometer
DUS für gamma-ray spectrometers

Gammastrahlungs-Spektroskopie
DUS für gamma-ray spectroscopy

Gammastrahlungs-Spektrum
DUS für gamma-ray spectra

Gammastrahlungs-Streuung
DUS für gamma-ray scattering

Gammastrahlungs-Wechselwirkung
DUS für gamma-ray interactions

Gammastrahlungs-Wirkung
DUS für gamma-ray effects

Gammastrahlungsabsorption
DUS für gamma-ray absorption

Gammastrahlungsanwendung
DUS für gamma-ray applications

Gammastrahlungsapparat
DUS für gamma-ray apparatus

Gammastrahlungsastronomie
DUS für gamma-ray astronomy

Gammastrahlungsbeugung
DUS für gamma-ray diffraction

Gammastrahlungsdetektion
DUS für gamma-ray detection

Gammastrahlungseffekt
DUS für gamma-ray effects

Gammastrahlungsexplosion
DUS für gamma-ray bursts

Gammastrahlungslaser
DUS für gamma-ray lasers

Gammastrahlungsnachweis
DUS für gamma-ray detection

Gammastrahlungspolarisation
DUS für gamma-ray polarisation

Gammastrahlungsproduktion
DUS für gamma-ray production

Gammastrahlungsquelle (astronomisch)
DUS für gamma-ray sources (astronomical)

Gammastrahlungsriss
DUS für gamma-ray bursts

Gammastrahlungsspektrometer
DUS für gamma-ray spectrometers

Gammastrahlungsspektroskopie
DUS für gamma-ray spectroscopy

Gammastrahlungsspektrum
DUS für gamma-ray spectra

Gammastrahlungsstreuung
DUS für gamma-ray scattering

Gammastrahlungswechselwirkung
DUS für gamma-ray interactions

Gammastrahlungswinkel-Verteilung
DUS für gamma-ray angular distribution

Gammastrahlungswinkelverteilung
DUS für gamma-ray angular distribution

Gammastrahlungswirkung
DUS für gamma-ray effects

Gamow-Teller transitions
USE beta-decay

Ganganalyse
DUS für gait analysis

Gantt charts
USE bar charts

ganzzahlige Programmierung
DEU for integer programming

Garantie
DEU for warranties

garbage collection (computers)
USE storage management

garbage disposal
USE refuse disposal

garden tools
BT tools
RT gardening
hand tools
lawnmowers

shredding machines
DEU Gartengerät

gardening
RT agricultural products
garden tools
greenhouses
horticulture
hoses
DEU Gemüseanbau

garment industry
USE clothing industry

garments
USE clothing

Garn
DEU for yarn

garnets
BT ferrimagnetic materials
RT ferrimagnetism
DEU Granat

Gartenbau
DEU for horticulture

Gartengerät
DEU for garden tools

Gas
DEU for gases

gas analysis
USE chemical analysis

gas appliances
BT combustion equipment
domestic appliances
PT domestic appliances
RT furnaces
natural gas technology
ovens
space heating
DEU Gasgerät

gas blast circuit breakers
BT circuit breakers
NT air blast circuit breakers
SY *puffer circuit breakers*
PT circuit breakers
DEU Gasschalter

gas breakdown
USE electric breakdown

gas chromatography
USE chromatography
DEU Gaschromatographie

gas cooled reactors
BT fission reactors
SY *GCR (nuclear)*
PT fission reactors
RT nuclear power stations
DEU gasgekühlter Reaktor

gas discharge lamps
USE discharge lamps

gas discharges
USE discharges (electric)

gas drilling
USE drilling (geotechnical)
\+ natural gas technology

gas dynamic lasers
USE gasdynamic lasers

gas dynamics
USE aerodynamics
\+ flow
DEU Gasdynamik

gas industry
BT industries
public utilities
PT natural gas technology
public utilities
RT drilling (geotechnical)
energy security
fuel processing
natural gas technology
petroleum industry
syngas
DEU Gasindustrie

gas insulated substations
BT gaseous insulation
substation insulation
UF *GIS / gas insulated substations +*
gas insulated switchgear
PT gaseous insulation
RT SF6 insulation
DEU gasisolierte Umspannstation

gas insulated switchgear
BT gaseous insulation
switchgear insulation
UF *GIS / gas insulated substations +*
gas insulated switchgear
PT gaseous insulation
switchgear testing

switchgear
RT SF6 insulation
switchgear protection
switchgear testing
DEU gasisoliertes Schaltgetriebe

gas insulated transformers
BT gaseous insulation
transformer insulation
PT gaseous insulation
transformer insulation
RT power transformer insulation
SF6 insulation
DEU gasisolierter Transformator
DSY gasisolierter Umformer

gas insulated transmission lines
BT gaseous insulation
power transmission lines
SY *GITL*
PT gaseous insulation
power transmission lines
DEU gasisolierte Übertragungsleitung

gas lasers
BT lasers
NT gasdynamic lasers
ion lasers
SY *discharge lasers*
RT atom lasers
chemical lasers
excimer lasers
submillimetre wave devices
submillimetre wave lasers
waveguide lasers
DEU Gaslaser

gas metal arc welding
USE arc welding

gas meters
USE flowmeters

gas mixtures
BT mixtures
PT mixtures
RT critical mixtures
gases
mixing
DEU Gasgemisch

gas phase electron diffraction
BT electron diffraction
PT electron diffraction
RT molecular configurations
DEU Gasphasenelektronenbeugung
DSY Gasphasenelektronendiffraktion

gas pipelines
USE pipelines

gas platforms
USE offshore installations

gas pressure cables
USE power cables

gas scintillation detectors
BT scintillation counters
PT scintillation counters
RT liquid scintillation detectors
scintillation
solid scintillation detectors
DEU Gas-Szintillationszähler

gas sensors
BT chemical sensors
NT electronic noses
SY *lambda sensors*
PT detectors
electric sensing devices
nonelectric sensing devices
RT air pollution measurement
amperometric sensors
chemical variables measurement
electric sensing devices
electrochemical sensors
explosive detection
nonelectric sensing devices
quartz crystal microbalances
sensor arrays
smoke detectors
thick film sensors
thin film sensors
DEU Gassensor

gas source MBE
USE chemical beam epitaxial growth

gas technology, natural
USE natural gas technology

gas track detectors
USE particle track visualisation

gas tungsten arc welding
USE arc welding

gas turbine power stations
BT thermal power stations
PT power stations
RT gas turbines
DEU Gasturbinenkraftwerk

gas turbines
BT turbines
RT aerospace engines
Brayton cycle
combined cycle power stations
compressors
engines
gas turbine power stations
jet engines
standby generators
turbogenerators
waste heat
DEU Gasturbine

gas welding
USE oxy-fuel welding

Gas- und Dampfturbinenkraftwerk
DEU for combined cycle power stations

gas-discharge displays
BT display devices
gas-discharge tubes
NT plasma displays
PT display devices
gas-discharge tubes
RT computer displays
flat panel displays
glow discharges
DEU Gasentladungsanzeige
DSY Gasentladungsbildschirm
Gasentladungsdisplay

gas-discharge tubes
BT electron tubes
NT gas-discharge displays
mercury arc rectifiers
thyratrons
SY *discharge tubes*
trigatrons
RT discharge lamps
display devices
electrodeless lamps
ozone generators
pulsed power technology
DEU Gasentladungsröhre

gas-surface interactions
USE sorption

Gas-Szintillationszähler
DEU for gas scintillation detectors

Gaschromatographie
DEU for gas chromatography

Gasdruck
DUS für pressure

Gasdrucksensor
DUS für pressure sensors

gasdynamic lasers
BT gas lasers
SY *gas dynamic lasers*
PT gas lasers
DEU gasdynamischer Laser

Gasdynamik
DEU for gas dynamics

gasdynamischer Laser
DEU for gasdynamic lasers

Gasentladungsanzeige
DEU for gas-discharge displays

Gasentladungsbildschirm
DUS für gas-discharge displays

Gasentladungsdisplay
DUS für gas-discharge displays

Gasentladungslampe
DEU for discharge lamps

Gasentladungsröhre
DEU for gas-discharge tubes

gaseous insulation
BT insulation
NT air insulation
gas insulated substations
gas insulated switchgear
gas insulated transformers
gas insulated transmission lines
SF6 insulation
PT insulating materials
RT discharges (electric)
insulating materials
switchgear insulation
DEU gasförmiger Isolierstoff

gaseous nebulae
USE nebulae

gases
BT fluids
NT flue gases
RT aerodynamics
gas mixtures
Scott effect
Senftleben-Beenakker effect
DEU Gas

gasförmiger Isolierstoff
DEU for gaseous insulation

gasgekühlter Reaktor
DEU for gas cooled reactors

Gasgemisch
DEU for gas mixtures

Gasgerät
DEU for gas appliances

Gasindustrie
DEU for gas industry

gasisolierte Übertragungsleitung
DEU for gas insulated transmission lines

gasisolierte Umspannstation
DEU for gas insulated substations

gasisolierter Transformator
DEU for gas insulated transformers

gasisolierter Umformer
DUS für gas insulated transformers

gasisoliertes Schaltgetriebe
DEU for gas insulated switchgear

gaskets
BT mechanical products
seals (stoppers)
PT seals (stoppers)
RT engine cylinders
engines
pistons
DEU Dichtung

Gaslaser
DEU for gas lasers

Gasmarkt
DUS für power markets

gasoline
USE petroleum

gasoline engines
USE internal combustion engines

Gasphasenabscheidung
DEU for vapour deposition

Gasphasenelektronenbeugung
DEU for gas phase electron diffraction

Gasphasenelektronendiffraktion
DUS für gas phase electron diffraction

Gasphasenepitaxialwachstum
DEU for vapour phase epitaxial growth

Gasphasenepitaxie
DUS für chemical vapour deposition

Gasschalter
DEU for gas blast circuit breakers

Gassensor
DEU for gas sensors

Gasströmung
DEU for flow of gases

Gasturbine
DEU for gas turbines

Gasturbinenkraftwerk
DEU for gas turbine power stations

Gasübergang
DEU for fugacity

gate arrays
USE logic arrays

gate turn-off devices
USE thyristors

gated spin tickling
USE double nuclear magnetic resonance

gateways
USE internetworking
\+ network servers

GATT
USE trade agreements

gauge field theory
BT quantum field theory
NT Chern-Simons theory
colour model
Higgs model
quantum electrodynamics
supergravity
unified gauge models
Yang-Mills theory
UF *lattice gauge theory / gauge field theory + lattice field theory*
UF *string field theory / gauge field theory + string theory*
PT quantum field theory

RT Berry phase
conformal field theory
dyons
lattice field theory
magnetic monopoles
renormalisation
supersymmetric field theory
DEU Eichfeldheorie

gauges
BT instruments
NT pressure gauges
strain gauges
vacuum gauges
RT sensors
transducers
DEU Eichmaß
DSY Lehre (Maß)
Maßstab
Maß
Normalmaß

gauginos
USE sparticles

Gaunt coefficient
USE atomic structure

Gauss-Kanal
DEU for Gaussian channels

Gauss-Prozess
DEU for Gaussian processes

Gauss-Rauschen
DEU for Gaussian noise

Gauss-Seidel method
USE iterative methods

Gauss-Verteilung
DEU for Gaussian distribution

Gaussches Rauschen
DUS für Gaussian noise

Gaussian channels
BT Gaussian processes
telecommunication channels
NT AWGN channels
PT telecommunication channels
RT fading channels
Gaussian noise
Rayleigh channels
DEU Gauss-Kanal

Gaussian distribution
BT statistical distributions
RT Gaussian processes
random processes
statistical analysis
statistics
DEU Gauss-Verteilung

Gaussian filtered minimum shift keying
USE minimum shift keying

Gaussian frequency shift keying
USE frequency shift keying

Gaussian mixture models
USE Gaussian processes
\+ mixture models

Gaussian noise
BT Gaussian processes
random noise
NT AWGN (additive white Gaussian noise)
PT random noise
RT Gaussian channels
DEU Gauss-Rauschen
DSY Gaussches Rauschen

Gaussian orbital calculations
USE GO calculations

Gaussian processes
BT stochastic processes
NT Gaussian channels
Gaussian noise
UF *Gaussian mixture models / Gaussian processes + mixture models*
PT stochastic processes
RT Gaussian distribution
linear quadratic Gaussian control
random processes
DEU Gauss-Prozess

Gaussian-type orbital calculations
USE GTO calculations

gaze tracking
BT motion measurement
position measurement
SY *eye gaze tracking*
eye tracking
RT computer vision
electro-oculography
eye
face recognition
handicapped aids
human computer interaction

traffic engineering computing
user interfaces
video signal processing
vision
DEU Augentracking
DSY Blickverfolgung
Pupillentracking

GCR (astronomical)
USE galactic cosmic rays

GCR (nuclear)
USE gas cooled reactors

Gd (chemical element)
USE gadolinium
DEU Gd (chemisches Element)

Gd (chemisches Element)
DEU for Gd (chemical element)

Ge (chemical element)
USE germanium

Ge(Li) detectors
USE germanium radiation detectors

Ge-Si alloys
BT germanium alloys
silicon alloys
SY *germanium-silicon alloys*
Si-Ge alloys
silicon-germanium alloys
PT germanium alloys
silicon alloys
DEU Ge-Si-Legierung
DSY Germanium-Silizium-Legierung
Germaniumsiliziumlegierung

Ge-Si-Legierung
DEU for Ge-Si alloys

gear cutting machines
BT machine tools
RT cutting tools
gears
DEU Zahnradfräsmaschine

gears
BT machinery
NT variable speed gear
SY *bevel gears*
differential gears
helical gears
spur gears
worm gears
RT automotive components
gear cutting machines
machine components
machine tools
mechanical engineering
power transmission (mechanical)
production equipment
shafts
splines (mechanical components)
sprockets
torque convertors
DEU Getriebe

Gebärfähigkeit (medizinisch)
DEU for parity

Gebäude (Konstruktion und Struktur)
DEU for buildings (structures)

Gebäude mit passiver Sonnenenergienutzung
DEU for passive solar buildings

Gebäudefunk
DEU for indoor radio

Gebäudegesellschaft
DUS für building societies

gebäudeintegrierte Fotovoltaik
DEU for building integrated photovoltaics

gebäudeintegrierte Photovoltaik
DUS für building integrated photovoltaics

Gebäudekommunikation
DEU for indoor communication

Gebäudeleittechnik
DEU for building management systems

Gebäudenorm
DEU for building standards

Gebäudesimulation
DEU for building simulation

Gebäudestandard
DUS für building standards

Gebäudeverdrahtung
DEU for building wiring

Gebäudeverwaltung
DUS für facilities management

Gebiet
DUS für domain

Gebietsmessung
DUS für area measurement

Gebinde
DUS für packaging

Gebläse
DEU for fans

Gebühr
DEU for tariffs

Gebührenfestlegung
DUS für tariffs

gebündelte Ionenstrahltechnologie
DEU for focused ion beam technology

Geburtshilfe
DEU for obstetrics

gedruckte Motorschaltung
DEU for printed circuit motors

gedruckte Schaltung
DEU for printed circuits

gedruckter Motor
DUS für printed circuit motors

gedrucktor Motorschaltkreis
DUS für printed circuit motors

gefährdeter Bereich
DEU for hazardous areas

gefährlicher Stoff
DEU for hazardous materials

gefährliches Phänomen
DEU for emergent phenomena

Gefahr
DEU for hazards

Gefahr durch natürliche Radioaktivität
DEU for natural radioactivity hazards

Gefahr und Weglauf Bedingung
DUS für hazards and race conditions

Gefahr-und-Weglauf-Bedingung
DEU for hazards and race conditions

Gefahrenbereich
DUS für hazardous areas

Gefahrenmanagement
DEU for emergency management

Gefahrlosigkeit
DEU for safety

Gefahrstoff
DUS für hazardous materials

geformte Richtcharakteristikantenne
DUS für shaped beam antennas

Gefrierguthandling
DEU for freight handling

Gefüge (Form)
DUS für texture

gefülltes Polymer
DEU for filled polymers

Gegendruck
DUS für pressure

Gegenfeldpinch
DUS für reversed field pinch

Gegenkopplung
DEU for negative feedback

gegenschein
USE zodiacal light

gegenseitige Bosonennäherung
DEU for interacting boson approximation

Gegentaktfertigung
DEU for push-pull production

Gehäuse (Form)
DEU for shells (structures)

Gehalt (Lohn)
DEU for salaries

Gehirn
DEU for brain

Gehirn-Computer-Interface
DUS für brain-computer interfaces

Gehirn-Computer-Schnittstelle
DEU for brain-computer interfaces

Gehirnmodell
DEU for brain models

Gehör
DEU for ear

Gehörakustik
DUS für audio acoustics

Gehörschall
DUS für audio acoustics

Gehörschutz
DEU for ear protection

Geiger counters
BT counters
SY *Geiger Muller counters*
RT ionisation chambers
DEU Geiger-Müller-Zählrohr
DSY Geiger-Zähler

Geiger Muller counters
USE Geiger counters

Geiger-Müller-Zählrohr
DEU for Geiger counters

Geiger-Zähler
DUS für Geiger counters

Geisteswissenschaften
DEU for humanities

gekoppelte Cluster-Berechnung
DUS für coupled cluster calculations

gekoppelte Cluster-Kalkulation
DUS für coupled cluster calculations

gekoppelte Schaltung
DEU for coupled circuits

gekoppelte Übertragungsleitung
DEU for coupled transmission lines

gekoppelter Schaltkreis
DUS für coupled circuits

gekoppeltes Bauelement
DUS für coupled circuits

Gel
DEU for gels

Gel (Kolloid)
DEU for gels

geladener Strom
DEU for charged currents

Geländefahrzeug
DEU for off-road vehicles

Geländekartografie
DEU for terrain mapping

Geländekartographie
DUS für terrain mapping

gelatin
BT proteins
RT food processing industry
gels
photographic materials
DEU Gelatine

Gelatine
DEU for gelatin

geldbetriebene Maschine
DEU for coin operated equipment

Geldwesen
DUS für finance

Geldwirtschaft
DUS für finance

Gelenk (mechanisch)
DEU for couplings

gels
BT disperse systems
NT polymer gels
SY *jellies*
RT aerogels
gelatin
macromolecules
soft matter
sol-gel processing
swelling
thixotropy
DEU Gel

gemeinsame Kundenwerbung
DEU for corporate acquisitions

gemeinsame Modellierung
DEU for corporate modelling

gemeinsames Speichersystem
DEU for shared memory systems

Gemeinschaftsantennenfernsehen
DEU for community antenna television

Gemeinschaftsbeschleuniger
DEU for collective accelerators

GEMFET
USE insulated gate bipolar transistors

gemischte Leitfähigkeit
DEU for mixed conductivity

gemischtes integriertes Analog-Digital-Bauelement
DEU for mixed analogue-digital integrated circuits

gemischtes integriertes Digital-Analog-Bauelement
DUS für mixed analogue-digital integrated circuits

Gemüse
DEU for vegetables

Gemüseanbau
DEU for gardening

gender issues
BT prejudicial factors
SY *sexism*
sexual stereotyping
RT cultural aspects
Digital Divide
equal opportunities
DEU Geschlechtsspezifik

gene delivery
USE gene therapy

gene therapy
BT genetics
patient treatment
SY *gene delivery*
PT genetics
RT cellular biophysics
DNA
molecular biophysics
RNA
DEU Gentherapie

General Agreement on Tariffs and Trade
USE trade agreements

general packet radio service
USE cellular radio
\+ packet radio networks

general purpose computers
BT digital computers
DEU Computer für allgemeine Anwendung
DSY Rechner für allgemeine Anwendung
Universalrechner
universelle Datenverarbeitungsanlage

General Purpose Interface Bus
USE peripheral interfaces

general relativity
BT relativity
NT Einstein field equations
Schwarzschild metric
UF *Riemann-Cristoffel tensors / general relativity + tensors*
RT Einstein-Maxwell equations
gravitation
space-time configurations
special relativity
DEU allgemeine Relativitätstheorie

generalisation (artificial intelligence)
BT artificial intelligence
SY *generalization (artificial intelligence)*
PT artificial intelligence
RT inference mechanisms
neural nets
DEU Verallgemeinerung (künstliche Intelligenz)

generalised valence force field
USE orbital calculations

generalization (artificial intelligence)
USE generalisation (artificial intelligence)

Generator (elektrische Maschine)
DUS für electric generators

generator coordinate method
BT nuclear collective model
PT nuclear collective model
DEU Generatorkoordinatenmethode

generator protection
USE machine protection

Generatorkoordinatenmethode
DEU for generator coordinate method

generators, acoustic
USE acoustic generators

generators, electric
USE electric generators

genetic algorithms
BT evolutionary computation
optimisation
randomised algorithms
SY *genetic programming*
PT optimisation
RT ant colony optimisation
artificial immune systems
job shop scheduling
Pareto optimisation
particle swarm optimisation
sensor placement
simulated annealing
DEU genetischer Algorithmus

genetic engineering
BT engineering
UF *genetically modified crops / crops + genetic engineering*
PT genetics
RT agriculture
biological techniques
biomedical engineering
biotechnology
cellular biophysics
ecology
ethical aspects
genetics
genomics
molecular biophysics
tissue engineering
DEU Gentechnik

genetic programming
USE genetic algorithms

genetically modified crops
USE crops
\+ genetic engineering

genetics
BT biology
NT gene therapy
UF *phylogenetics / evolution (biological) + genetics*
PT cellular biophysics
RT biological effects of ionising radiation
cellular biophysics
evolution (biological)
genetic engineering
genomics
molecular biophysics
DEU Genetik

Genetik
DEU for genetics

genetische Forschung
DEU for genomics

genetischer Algorithmus
DEU for genetic algorithms

Genforschung
DUS für genomics

Genomforschung
DUS für genomics

genomics
PT genetics
RT biology computing
genetic engineering
genetics
medical computing
molecular biophysics
DEU genetische Forschung
DSY Genforschung
Genomforschung

Gentechnik
DEU for genetic engineering

Gentherapie
DEU for gene therapy

Geochemie
DEU for geochemistry

geochemistry
BT geology
NT hydrochemistry
PT Earth composition
RT Earth composition
fugacity
geophysics
petrology
salinity (geophysical)
DEU Geochemie

Geochronologie
DEU for geochronology

geochronology
BT geography
SY *age (Earth)*
dating, Earth
dendrochronology
Earth age

terrestrial age
UF *thermoluminescence dating / geochronology + thermoluminescence*
PT Earth age
RT geophysics
palaeontology
radioactive dating
stratigraphy
DEU Geochronologie

geocorona
USE airglow
\+ exosphere

Geodäsie
DEU for geodesy

geodesic lenses
USE integrated optics
\+ lenses

geodesics
USE differential geometry

geodesy
BT geography
SY *geodetics*
geoid
tilt (Earth)
RT cartography
Earth
Earth rotation
geophysics
gravity
photogrammetry
sea level
surveying
theodolites
topography (Earth)
DEU Geodäsie

geodetics
USE geodesy

geoelectricity
USE terrestrial electricity

Geoenergie (Wärme)
DUS für geothermal power

Geografie
DEU for geography

geografisches Informationssystem
DEU for geographic information systems

geografisches IS
DUS für geographical IS

geographic information systems
BT information systems
SY *geographical IS*
GIS (information systems)
PT geography
information retrieval systems
RT cartography
database management systems
digital elevation models
emergency management
geography
geophysics computing
land cover
land use
town and country planning
visual databases
DEU geografisches Informationssystem
DSY geographisches Informationssystem

geographical IS
USE geographic information systems
DSY geografisches IS

Geographie
DUS für geography

geographisches Informationssystem
DUS für geographic information systems

geography
BT natural sciences
social sciences
NT cartography
geochronology
geodesy
RT demography
geographic information systems
geology
DEU Geografie
DSY Geographie

geoid
USE geodesy

Geoingenieurtechnik
DEU for geotechnical engineering

geological boundary events
USE geophysical catastrophes

Geologie
DEU for geology

geologischer Fluss
DEU for rivers

geology
BT natural sciences
NT geochemistry
petrology
stratigraphy
PT geophysics
RT geography
geomorphology
geophysical catastrophes
geophysics
hydrocarbon reservoirs
minerals
rocks
soil
tektites
DEU Geologie

geomagnetic reversals
USE geomagnetic variations
\+ palaeomagnetism

geomagnetic storms
USE magnetic storms

geomagnetic tail
USE magnetotail

geomagnetic variations
BT geomagnetism
SY *bays (magnetic)*
Earth magnetic field variations
UF *geomagnetic reversals /*
geomagnetic variations +
palaeomagnetism
SY *magnetic bays*
magnetic field variations, Earth
RT micropulsations
DEU geomagnetische Abweichung
DSY geomagnetische Variation
geomagnetische Veränderung

geomagnetische Abweichung
DEU for geomagnetic variations

geomagnetische Variation
DUS für geomagnetic variations

geomagnetische Veränderung
DUS für geomagnetic variations

geomagnetism
BT planetary magnetism
NT geomagnetic variations
magnetic storms
palaeomagnetism
rock magnetism
SY *Earth magnetic field*
terrestrial magnetism
RT geophysics
magnetosphere
magnetotellurics
DEU Erdmagnetismus
DSY Geomagnetismus

Geomagnetismus
DUS für geomagnetism

geometric aberratios
USE aberrations

geometric codes
BT codes
NT algebraic geometric codes
UF *geometric Goppa codes /*
geometric codes + *Goppa codes*
PT codes
encoding (general)
error correction codes
RT cyclic codes
decoding
geometry
Goppa codes
linear codes
DEU geometrischer Code

geometric Goppa codes
USE geometric codes
\+ Goppa codes

geometric programming
BT mathematical programming
SY *programming, geometric*
PT mathematical programming
DEU geometrische Programmierung

geometric reasoning
USE spatial reasoning

geometrical acoustics
BT acoustics
RT acoustic waves
DEU geometrische Akustik
DSY geometrischer Schall

geometrical optics
BT optics
NT ray tracing
RT geometrical theory of diffraction
gradient index optics
DEU geometrische Optik

geometrical theory of diffraction
BT electromagnetic wave diffraction
SY *GTD*
uniform geometrical theory of diffraction
uniform GTD
PT electromagnetic wave diffraction
geometrical optics
RT geometrical optics
physical theory of diffraction
DEU geometrische Beugungstheorie
DSY geometrische Diffraktionstheorie
geometrische Theorie der Beugung
geometrische Theorie der Diffraktion

Geometrie
DEU for geometry

geometrische Aberation
DUS für aberrations

geometrische Akustik
DEU for geometrical acoustics

geometrische Beugungstheorie
DEU for geometrical theory of diffraction

geometrische Diffraktionstheorie
DUS für geometrical theory of diffraction

geometrische Optik
DEU for geometrical optics

geometrische Programmierung
DEU for geometric programming

geometrische Theorie der Beugung
DUS für geometrical theory of diffraction

geometrische Theorie der Diffraktion
DUS für geometrical theory of diffraction

geometrischer Code
DEU for geometric codes

geometrischer Schall
DUS für geometrical acoustics

geometry
BT mathematics
NT computational geometry
differential geometry
fractals
RT Berry phase
catastrophe theory
diagrams
geometric codes
Lie groups
mathematical morphology
space-time configurations
DEU Geometrie

Geomorphologie
DEU for geomorphology

geomorphology
SY *Earth surface processes*
landslides
UF *permafrost / geomorphology + glaciology + hydrology + ice + soil*
PT erosion
geology
RT erosion
geology
land surface temperature
soil
topography (Earth)
DEU Geomorphologie

geoneutrinos
USE neutrinos

geons
USE gravitons

geophones
USE seismometers

geophysical aspects of cosmic rays
BT cosmic rays
SY *cosmic ray geophysical effects*
PT cosmic rays
RT cosmic ray showers
geophysics
DEU geophysikalischer Aspekt kosmischer Strahlen
DSY geophysikalischer Aspekt kosmischer Strahlung

geophysical catastrophes
SY *Cretaceous-Tertiary boundary events*
extinctions, biological
geological boundary events
impact events
UF *nuclear winter / geophysical catastrophes + nuclear explosions*
RT climatology
disasters
geology
meteorite craters
volcanology
DEU geophysikalische Katastrophe

geophysical equipment
NT atmospheric measuring apparatus
hydrological equipment
oceanographic equipment
seismometers
RT balloons
data loggers
environmental monitoring (geophysics)
geophysical techniques
geophysics
gravimeters
instruments
theodolites
DEU geophysikalische Ausrüstung

geophysical exploration
USE geophysical prospecting
\+ geophysical techniques

geophysical fluid dynamics
BT fluid dynamics
geophysics
PT fluid dynamics
geophysics
RT atmospheric movements
hydrodynamics
Rossby waves
shallow water equations
DEU geophysikalische Fluiddynamik

geophysical image processing
BT geophysical signal processing
image processing
PT geophysical signal processing
RT feature extraction
geophysical techniques
hyperspectral imaging
image classification
land cover
remote sensing
DEU geophysikalische Bildverarbeitung

geophysical prospecting
BT geophysical techniques
SY *exploration geophysics*
UF *geophysical exploration / geophysical prospecting* + *geophysical techniques*
SY *prospecting (geophysical)*
RT drilling (geotechnical)
hydrocarbon reservoirs
magnetotellurics
mining
natural resources
remote sensing
seismology
well logging
DEU geophysikalische Vermessung

geophysical signal processing
BT geophysics computing
signal processing
NT geophysical image processing
PT geophysical techniques
geophysics computing
signal processing
RT data assimilation
geophysical techniques
DEU geophysikalische Signalverarbeitung

geophysical techniques
NT atmospheric techniques
geophysical prospecting
hydrological techniques
oceanographic techniques
terrain mapping
vegetation mapping
well logging
UF *geophysical exploration / geophysical prospecting* + *geophysical techniques*
SY *geophysical tomography*
UF *gravimetry (geophysical) / geophysical techniques* + *gravity*
UF *kriging / geophysical techniques* + *statistical analysis*
UF *seismic tomography / geophysical techniques* + *seismology*
UF *tomography, seismic / geophysical techniques* + *seismology*
PT geophysics
RT buried object detection
cartography
drilling (geotechnical)
environmental monitoring (geophysics)
geophysical equipment
geophysical image processing
geophysical signal processing
geophysics
geophysics computing
ground penetrating radar
hydrocarbon reservoirs
magnetotellurics
photogrammetry
pollution measurement
radar interferometry
radioactive dating
Radon transforms
remote sensing
surveying
DEU geophysikalische Arbeitsweise
DSY geophysikalische Methode
geophysikalische Technik

geophysical tomography
USE geophysical techniques

geophysics
BT natural sciences
NT geophysical fluid dynamics
RT climatology
Earth
element relative abundance
geochemistry
geochronology
geodesy
geology
geomagnetism
geophysical aspects of cosmic rays
geophysical equipment
geophysical techniques
geophysics computing
glaciology
hydrology
isotope relative abundance
magnetotellurics
meteorology
oceanography
seismology
solar-terrestrial relationships
tectonics
terrestrial atmosphere
terrestrial electricity
terrestrial heat
volcanology
DEU Geophysik

geophysics computing
BT natural sciences computing
NT geophysical signal processing
SY *atmospheric computing*
oceanographic computing
PT natural sciences applications of computers
RT computerised instrumentation
geographic information systems
geophysical techniques
geophysics
DEU Computeranwendung in der Geophysik
DSY Datenverarbeitung in der Geophysik
geophysikalische Computeranwendung
geophysikalische Datenverarbeitung
geophysikalische Rechneranwendung
Rechneranwendung in der Geophysik

Geophysik
DEU for geophysics

geophysikalische Arbeitsweise
DEU for geophysical techniques

geophysikalische Ausrüstung
DEU for geophysical equipment

geophysikalische Bildverarbeitung
DEU for geophysical image processing

geophysikalische Computeranwendung
DUS für geophysics computing

geophysikalische Datenaufzeichnung
DUS für proxy records (geophysical)

geophysikalische Datensatz
DUS für proxy records (geophysical)

geophysikalische Datenverarbeitung
DUS für geophysics computing

geophysikalische Fluiddynamik
DEU for geophysical fluid dynamics

geophysikalische Katastrophe
DEU for geophysical catastrophes

geophysikalische Methode
DUS für geophysical techniques

geophysikalische Rechneranwendung
DUS für geophysics computing

geophysikalische Signalverarbeitung
DEU for geophysical signal processing

geophysikalische Technik
DUS für geophysical techniques

geophysikalische Vermessung
DEU for geophysical prospecting

geophysikalischer Aspekt kosmischer Strahlen
DEU for geophysical aspects of cosmic rays

geophysikalischer Aspekt kosmischer Strahlung
DUS für geophysical aspects of cosmic rays

Geopolymer
DEU for geopolymers

geopolymers
BT building materials
inorganic polymers
PT building materials
cements (building materials)
concrete
RT aluminium compounds
cement industry
cements (building materials)
concrete
fly ash
geotechnical engineering
geotechnical structures
slag
soil
DEU Geopolymer

geotechnical engineering
BT civil engineering
NT drilling (geotechnical)
earthquake engineering
UF *soil mechanics / geotechnical engineering + soil*
PT civil engineering
RT canals
construction
dams
foundations
geopolymers
geotechnical structures
mining
net structures (mechanical)
quarrying industry
railway engineering
road building
structural engineering
tunnels
waterproofing
DEU Geoingenieurtechnik
DSY geotechnisches Ingenieurwesen

geotechnical structures
BT civil engineering
NT canals
dams
foundations
tunnels
SY *embankments*
seawalls
PT geotechnical engineering
RT construction
earthquake engineering
geopolymers
geotechnical engineering
mining
quarrying industry
railway engineering
road building
structural engineering
waterproofing
DEU geotechnische Struktur
DSY geotechnisches Bauwerk

geotechnische Struktur
DEU for geotechnical structures

geotechnisches Bauwerk
DUS für geotechnical structures

geotechnisches Ingenieurwesen
DUS für geotechnical engineering

geothermal power
BT renewable energy sources
PT energy resources
RT ground source heat pumps
terrestrial heat
DEU Erdwärmestrom
DSY Geoenergie (Wärme)
geothermale Energie
geothermaler Strom
geothermische Energie
geothermischer Strom

geothermal power stations
BT thermal power stations
PT power stations
DEU Erdwärmekraftwerk
DSY geothermales Kraftwerk
Geothermiekraftwerk
geothermisches Kraftwerk

geothermale Energie
DUS für geothermal power

geothermaler Strom
DUS für geothermal power

geothermales Kraftwerk
DUS für geothermal power stations

Geothermiekraftwerk
DUS für geothermal power stations

geothermische Energie
DUS für geothermal power

geothermischer Strom
DUS für geothermal power

geothermisches Kraftwerk
DUS für geothermal power stations

Gepäckwagen
DUS für trolleys

gepulste elektroakustische Methode
DEU for pulsed electroacoustic methods

gepulste Laserstrahlabscheidung
DEU for pulsed laser deposition

Geradzahligkeit
DUS für parity

Geräteauswahl
DEU for equipment selection

Gerätetrieber
DEU for device drivers

Gerätschaft
DUS für facilities

Geräusch
DEU for noise

Geräuschbekämpfung
DEU for noise abatement

Geräuschdatenbank
DUS für audio databases

Geräuschemission
DUS für acoustic emission

Geräuschschall
DUS für noise

Gerben
DEU for tanning

geriatrics
BT medicine
SY *elderly people (medicine)*
RT age issues
assisted living
handicapped aids
health care
orthotics
patient care
patient rehabilitation
sensory aids
DEU Geriatrie

Geriatrie
DEU for geriatrics

gerichtete Erstarrung
DEU for directional solidification

gerichteter Graph
DEU for directed graphs

germ warfare
USE biohazards

germanate glasses
BT glass
PT germanium compounds
glass
RT germanium compounds
DEU Germaniumglas

germanium
SY *Ge (chemical element)*
RT germanium alloys
germanium compounds
germanium radiation detectors
DEU Germanium

germanium alloys
BT alloys
NT Ge-Si alloys
PT alloys
RT germanium
germanium compounds
DEU Germaniumlegierung

germanium compounds
BT inorganic compounds
RT germanate glasses
germanium
germanium alloys
DEU Germaniumverbindung

germanium radiation detectors
BT semiconductor counters
SY *Ge(Li) detectors*
high-purity Ge detectors
HPGe detectors
PT semiconductor counters
RT germanium
radiation detection
DEU Germanium-Strahlungsdetektor

germanium-silicon alloys
USE Ge-Si alloys

Germanium-Silizium-Legierung
DUS für Ge-Si alloys

Germanium-Strahlungsdetektor
DEU for germanium radiation detectors

Germaniumglas
DEU for germanate glasses

Germaniumlegierung
DEU for germanium alloys

Germaniumsiliziumlegierung
DUS für Ge-Si alloys

Germaniumverbindung
DEU for germanium compounds

Germanium
DEU for germanium

gesättigter Kernreaktor
DEU for saturable core reactors

Gesamtdruck
DUS für pressure

Gesamtelektronengehalt (Atmosphäre)
DEU for total electron content (atmosphere)

Gesamtenergie
DEU for total energy

Gesamtenergiesystem
DEU for total energy systems

Geschäftsbericht
DEU for company reports

Geschäftsformular
DEU for business forms

Geschäftsgrafik
DEU for business graphics

Geschäftsgraphik
DUS für business graphics

Geschäftskommunikation
DEU for business communication

Geschäftskontinuität
DEU for business continuity

Geschäftsprozess-Reengineering
DEU for business process re-engineering

Geschäftsprozessänderung
DUS für business process re-engineering

Geschäftsprozesserneuerung
DUS für business process re-engineering

Geschäftsprozessneugestaltung
DUS für business process re-engineering

Geschäftsprozessumgestaltung
DUS für business process re-engineering

geschaltetes Netz
DEU for switched networks

Geschichte
DEU for history

geschichtete Strömung
DEU for stratified flow

Geschicklichkeitsspiel
DEU for games of skill

Geschirrspülmaschine
DEU for dishwashers

Geschlechtsspezifik
DEU for gender issues

geschlossenes Fernsehsystem
DUS für closed circuit television

Geschmacksmodell
DUS für flavour model

Geschmacksmuster
DUS für flavour model

Geschwindigkeit
DEU for velocity

Geschwindigkeits-Modulations-Röhre
DEU for velocity-modulation tubes

Geschwindigkeitsmesser
DEU for velocimeters

Geschwindigkeitsmessung
DEU for velocity measurement

Geschwindigkeitsregelung
DEU for velocity control

Gesellschaft
DEU for societies

Gesellschaftswissenschaften
DEU for social sciences

Gesenkbiegepresse
DUS für presses

Gesenkschmieden
DEU for swaging

Gesenkschmiedepresse
DUS für presses

Gesetzgebung
DEU for legislation

Gesichtserkennung
DEU for face recognition

Gestaltung
DUS für design

Gestaltung gedruckter Schaltungen
DEU for printed circuit layout

Gestaltung integrierter Schaltkreise
DEU for integrated circuit layout

Gestaltung integrierter Schaltungen
DUS für integrated circuit layout

Gestaltung von Experimenten
DUS für design of experiments

Gestaltungshilfsmittel
DUS für design aids

Gestein
DUS für rocks

Gestenerkennung
DEU for gesture recognition

gestörte Supraleitung
DEU for dirty superconductors

gestörte Winkelkorrelation
DEU for perturbed angular correlation

gesture recognition
BT image recognition
user interfaces
NT emotion recognition
sign language recognition
PT image recognition
user interfaces
RT face recognition
human-robot interaction
DEU Gestenerkennung

Gesundheits- und Arbeitsschutz
DEU for health and safety

Gesundheitsgefährdung
DEU for health hazards

Gesundheitsgefahr
DUS für health hazards

Gesundheitswesen
DEU for health care

geteilter Empfangskanal
DEU for partial response channels

Getränk
DEU for beverages

Getränkeautomat
DEU for vending machines

Getränkeindustrie
DEU for beverage industry

Getreide
DEU for crops

Getriebe
DEU for gears

Getriebe für variable Geschwindigkeit
DEU for variable speed gear

Getter
DEU for getters

gettering
USE getters

Gettermaterial
DUS für getters

getters
SY *gettering*
PT electron tubes
RT adsorption
electron tube manufacture
integrated circuit technology
ion pumps
semiconductor technology
vacuum techniques
DEU Getter
DSY Gettermaterial
Getterstoff

Getterstoff
DUS für getters

Gewächshaus
DEU for greenhouses

Gewährleistung
DUS für warranties

Gewässerverschmutzung
DEU for water pollution

Gewebe (Textil)
DEU for fabrics

gewebter Verbundstoff
DEU for woven composites

gewebtes Komposit
DUS für woven composites

Gewerbeabfall
DUS für industrial waste

Gewerbemüll
DUS für industrial waste

gewerbliche Wirtschaft
DUS für industrial economics

gewerbliches Schutzrecht
DEU for industrial property

Gewicht
DEU for gravity

Gewichtskontrolle
DEU for weight control

Gewindeschneiden
DEU for threading (machining)

Gewindeschneidmaschine
DEU for threading machines

Gewitter
DEU for thunderstorms

Gezeiten
DUS für tides

Gezeitenhub
DUS für tides

Gezeitenkraftwerk
DEU for tidal power stations

GFRP
USE glass fibre reinforced plastics

GFSK
USE frequency shift keying

GGD objects
USE nebulae
\+ stars

GHF calculations
USE HF calculations

ghost images, television
USE television interference

GHz transverse electromagnetic cells
USE TEM cells

giant magnetoimpedance
USE giant magnetoresistance

giant magnetoresistance
BT enhanced magnetoresistance
SY *giant magnetoimpedance*
GMR
PT magnetoresistance
RT colossal magnetoresistance
magnetic multilayers
magnetic thin films
magnetic tunnelling
magnetoelectronics
metallic superlattices
spin valves
tunnelling magnetoresistance
DEU Riesenmagnetowiderstand
DSY riesige Magnetoresistenz

giant pulsations (Earth)
USE micropulsations

giant resonances
BT nuclear resonances
SY *nuclear giant resonances*
PT nuclear collective states and giant resonances
RT high spin states
isobaric analogue resonances
nuclear collective model
nuclear collective states
nuclear resonance reactions
nuclear resonance scattering
nuclear rotational states
nuclear vibrational states
quasiparticle-phonon model
yrast states
DEU Riesenresonanz

giant stars
BT stars
NT OH-IR stars
symbiotic stars
SY *AGB stars*
alpha Aur stars
UF *asymptotic giant branch stars / giant stars + supergiant stars*
UF *barium II stars / binary stars + giant stars + supergiant stars*
SY *barium O stars*
carbon stars
UF *Ce stars / giant stars + variable stars*
SY *CH stars*
CN strong stars
CN weak stars
CS stars
UF *delta Del stars / chemically peculiar stars + giant stars*
UF *extreme C stars / circumstellar matter + giant stars + infrared sources (astronomical)*
UF *FK Com stars / giant stars + variable stars*
UF *hybrid spectrum supergiants / giant stars + supergiant stars*
UF *irregular variables / giant stars + variable stars*
SY *J-type stars*
UF *L-type variables / giant stars + variable stars*
UF *lambda And stars / binary stars + giant stars + variable stars*
UF *large amplitude red variables / giant stars + variable stars*
UF *Lb variables / giant stars + variable stars*
UF *Li stars / giant stars + supergiant stars*
SY *lithium stars*
UF *long-period variables / giant stars + variable stars*
SY *marginal barium stars*
UF *Me variables / giant stars + variable stars*
SY *mild barium stars*
UF *Mira variables / giant stars + variable stars*
SY *MS stars*
UF *N Irr stars / giant stars + variable stars*
SY *N-type stars*
UF *NML Cyg stars / giant stars + infrared sources (astronomical) + supergiant stars*
UF *NML Tau stars / giant stars + infrared sources (astronomical) + supergiant stars*
UF *Nr variables / cataclysmic binary stars + giant stars + symbiotic stars + variable stars*
UF *omicron Cet stars / giant stars + variable stars*
SY *R-type stars*
UF *recurrent novae / cataclysmic binary stars + giant stars + symbiotic stars + variable stars*
SY *red giants*
red stragglers
S-type stars
SC stars
UF *Se stars / giant stars + variable stars*
UF *semi-regular variables / giant stars + variable stars*
UF *semiregular variables / giant stars + variable stars*
UF *slow irregular variables / giant stars + variable stars*
UF *SLR stars / giant stars + supergiant stars*
UF *SR stars / giant stars + variable stars*
UF *SRab stars / giant stars + variable stars*
SY *subgiant stars*
UF *SY For stars / binary stars + giant stars + infrared sources (astronomical) + variable stars*
SY *technetium stars*
weak G-band stars
zirconium stars
PT stars
RT supergiant stars
DEU Riesenstern

GIAO calculations
USE orbital calculations

Gibbs free energy
USE free energy

Gibbs function
USE free energy

Gibbs-Duhem equation
USE thermodynamics

Gießen
DEU for casting

Gießen mit verlorener Form
DEU for lost foam casting

Gießerei
DEU for foundries

Ginzburg-Landau theory
RT bifurcation
free energy
superconductivity
DEU Ginzburg-Landau-Theorie

Ginzburg-Landau-Theorie
DEU for Ginzburg-Landau theory

girders
USE beams (structures)
\+ supports

GIS
USE gas insulated substations
\+ gas insulated switchgear

GIS (information systems)
USE geographic information systems

GITL
USE gas insulated transmission lines

Gittercode
DEU for trellis codes

Gittercodemodulation
DEU for trellis coded modulation

Gitterdynamik
DEU for lattice dynamics

Gitterdynamik von ferroelektrischem Kristall
DEU for lattice dynamics of ferroelectric crystals

Gitterdynamik von ionischem Kristall
DEU for lattice dynamics of ionic crystals

Gitterdynamik von kovalentem Kristall
DEU for lattice dynamics of covalent crystals

Gitterdynamik von metallischem Kristall
DEU for lattice dynamics of metallic crystals

Gitterdynamik von molekularem Kristall
DEU for lattice dynamics of molecular crystals

Gitterenergie
DEU for lattice energy

Gitterfeldtheorie
DEU for lattice field theory

Gitterfilter
DEU for lattice filters

Gittergas
DEU for lattice gas

Gitterkonstante
DEU for lattice constants

Gitternetzwerk
DEU for lattice networks

Gitterschwingung
DEU for lattice vibrations

Gittertheorie
DEU for lattice theory

glaciers
DEU Gletscher

glaciology
UF *permafrost / geomorphology + glaciology + hydrology + ice + soil*
PT glaciers
RT climatology
geophysics
ice
DEU Glaziologie
DSY Gletscherkunde

Glätten
DUS für burnishing

Glättungsfilter
DEU for equiripple filters

Glättungsmethode
DEU for smoothing methods

Glättungsschaltkreis
DEU for smoothing circuits

Glättungsschaltung
DUS für smoothing circuits

Glas
DEU for glass

glas-dotierter Halbleiter
DEU for semiconductor doped glasses

Glas-Metall-Dichtung
DEU for glass-metal seals

Glaserzeugnis
DEU for glass products

Glasfaser
DEU for glass fibres

Glasfaser-Interface
DUS für FDDI

Glasfaserschnittstelle
DUS für FDDI

glasfaserverstärkter Kunststoff
DEU for glass fibre reinforced plastics

Glasfiber verstärkter Verbundstoff
DEU for glass fibre reinforced composites

Glasfiberverbundstoff
DUS für glass fibre reinforced composites

Glasherstellung
DEU for glass manufacture

Glasindustrie
DEU for glass industry

Glaskeramik
DEU for glass ceramics

Glasofen
DEU for glass furnaces

glass
BT chemical products
materials
NT aluminosilicate glasses
borate glasses
chalcogenide glasses
germanate glasses
glass ceramics
glass fibres
halide glasses
metallic glasses
optical glass
phosphate glasses
SY *glasses*
silicate glasses
RT ceramics
dielectric materials
enamels
glass industry
glass products
glass structure
glass transition
glass-metal seals
insulating materials
optical materials
orientational glasses
semiconductor doped glasses
vitreous state
vitrification
DEU Glas

glass bottles
USE bottles
\+ glass products

glass ceramics
BT ceramics
composite materials
glass
SY *vitroceramics*
PT ceramics
glass
RT bioceramics
DEU Glaskeramik

glass fiber reinforced composites
USE glass fibre reinforced composites

glass fiber reinforced plastics
USE glass fibre reinforced plastics

glass fibers
USE glass fibres

glass fibre reinforced composites
BT fibre reinforced composites
NT glass fibre reinforced plastics
SY *glass fiber reinforced composites*
PT fibre reinforced composites
RT glass fibres
DEU Glasfiber verstärkter Verbundstoff
DSY Glasfiberverbundstoff

glass fibre reinforced plastics
BT fibre reinforced plastics
glass fibre reinforced composites
SY *GFRP*
glass fiber reinforced plastics
PT composite materials
fibres
glass
plastics
polymers
RT glass fibres
DEU glasfaserverstärkter Kunststoff

glass fibres
BT fibres
glass
SY *glass fibers*
PT fibres
RT glass fibre reinforced composites
glass fibre reinforced plastics
optical fibres
optical glass
DEU Glasfaser

glass formation
USE vitrification

glass furnaces
USE furnaces
\+ glass manufacture
DEU Glasofen

glass industry
BT manufacturing industries
RT glass
glass manufacture
DEU Glasindustrie

glass manufacture
BT manufacture
UF *glass furnaces / furnaces + glass manufacture*
PT glass industry
RT glass industry
glass products
DEU Glasherstellung

glass products
BT manufactured products
UF *glass bottles / bottles + glass products*
RT bottles
ceramic products
glass
glass manufacture
windows (construction)
DEU Glaserzeugnis
DSY Glasware

glass structure
BT noncrystalline structure
UF *metallic glass structure / glass structure + metallic glasses*
UF *vitreous structure / glass structure + vitreous state*
PT noncrystalline state structure
RT glass
vitreous state
DEU amorphe Struktur

glass transition
BT phase transformations
SY *gamma transition*
glass transition (glasses)
glass transition (polymers)
PT glass transition (glasses)
glass transition (polymers)
RT glass
polymers
solid-liquid transformations
vitreous state
vitrification
DEU Glasübergang

glass transition (glasses)
USE glass transition

glass transition (polymers)
USE glass transition

glass-metal seals
BT seals (stoppers)
SY *metal-glass seals*
PT seals (stoppers)
RT electron tube manufacture
glass
hermetic seals
vacuum techniques
DEU Glas-Metall-Dichtung

glasses
USE glass

glassy crystals (molecular crystals)
USE orientational glasses

glassy state
USE vitreous state

Glasübergang
DEU for glass transition

Glasur
DEU for glazes

Glasware
DUS für glass products

Glattwalzen
DUS für burnishing

Glattwalzpolieren
DUS für burnishing

Glaubens-Netz
DUS für belief networks

Glaubensnetz
DUS für belief networks

Glaubenswartung
DEU for belief maintenance

Glaubenswartungssystem
DUS für belief maintenance

glazes
BT coatings
materials
RT ceramic industry
ceramic products
enamels
food technology
pigments
porcelain
DEU Glasur

Glaziologie
DEU for glaciology

Gleichberechtigung
DEU for equal opportunities

Gleichdruck
DUS für pressure

gleichförmig-ungleichförmige Phasentransformation
DEU for commensurate-incommensurate transformations

Gleichheit
DUS für parity

Gleichraumprozess
DEU for Otto cycle

Gleichrichter
DEU for rectifiers

Gleichrichterröhre
DEU for rectifier tubes

Gleichrichterschaltung
DEU for rectifying circuits

Gleichrichterstation
DEU for rectifier substations

Gleichrichtung
DEU for rectification

Gleichstrom-Wechselstrom-Konverter
DEU for DC-AC power convertors

Gleichstrom-Wechselstrom-Umrichter
DUS für DC-AC power convertors

Gleichstrom-Wechselstrom-Wechselrichter
DUS für DC-AC power convertors

Gleichstromantrieb
DEU for DC motor drives

Gleichstromantriebsmotor
DUS für DC motor drives

Gleichstromgenerator
DEU for DC generators

Gleichstrommaschine
DEU for DC machines

Gleichstrommotor
DEU for DC motors

Gleichstrommotorschutz
DEU for DC motor protection

Gleichstromquelle
DEU for constant current sources

Gleichstromtransformator
DEU for DC transformers

Gleichstromübertragung
DEU for DC power transmission

Gleichstromübertragungsnetz
DEU for DC transmission networks

Gleichstromverstärker
DEU for DC amplifiers

Gleichung
DEU for equations

gleichwelliger Filter
DUS für equiripple filters

Gleitdruck
DUS für pressure

Gleitfluss
DEU for slip flow

Gleitfrequenzoszillator
DEU for swept-frequency oscillators

Gleitfrequenzreflektometrie
DEU for swept-frequency reflectometry

Gleitkommaarithmetik
DUS für floating point arithmetic

Gleitkommarechnung
DUS für floating point arithmetic

Gleitreibung
DEU for sliding friction

Gleitschirm
DUS für parachutes

Gletscher
DEU for glaciers

Gletscherkunde
DUS für glaciology

glide, dislocation
USE slip

Glimmer
DEU for mica

global markets
USE globalisation

Global Navigation Satellite system
USE satellite navigation

Global Orbiting Navigation Satellite System
USE satellite navigation

Global Positioning System
BT satellite navigation
SY *DGPS*
differential GPS
GPS
PT radionavigation
satellite relay systems
DEU Globales Positionierungssystem
DSY Globales Positionierungssystem (GPS)
GPS (Globales Positionierungssystem)

global warming
BT climatology
environmental factors
PT air pollution
atmospheric temperature
climatology
RT air pollution
atmospheric composition
atmospheric temperature
carbon capture and storage
climate mitigation
environmental management
land surface temperature
ocean temperature
thermal pollution
DEU globale Erwärmung

globale Erwärmung
DEU for global warming

Globales Positionierungssystem
DEU for Global Positioning System

Globales Positionierungssystem (GPS)
DUS für Global Positioning System

globalisation
BT management
SY *global markets*
globalization
RT international finance
international trade
marketing
outsourcing
DEU Globalisierung

Globalisierung
DEU for globalisation

globalization
USE globalisation

globular star clusters
BT star clusters
SY *clusters, globular (stellar)*
PT stellar clusters
RT stellar dynamics
DEU globularer Sternhaufen
DSY kugelförmiger Sternhaufen
Kugelsternhaufen

globularer Sternhaufen
DEU for globular star clusters

Glocke
DEU for bells

GLONASS
USE satellite navigation

glossaries
RT dictionaries
encyclopaedias
nomenclature
DEU Begriffliste
DSY Definitionsliste
Register
Wörterverzeichnis

gloves (computer I/O)
USE data gloves

glow curves
USE thermoluminescence

glow discharge deposition
USE plasma deposition

glow discharge lamps
USE discharge lamps

glow discharges
BT discharges (electric)
SY *hollow cathode discharges*
Joshi effect
RT corona
dielectric-barrier discharges
discharge lamps
electrodeless lamps
gas-discharge displays
positive column
DEU Glühentladung

glow plugs
BT electric ignition
PT electric ignition
RT automotive electronics
diesel engines
resistance heating
DEU Glühkerze

glucose
USE sugar

glueballs
USE colour model
\+ meson resonances
\+ quark confinement

glühelektrischer Effekt
DUS für thermionic emission

Glühemission
DUS für thermionic emission

Glühentladung
DEU for glow discharges

Glühkathode
DEU for thermionic cathodes

Glühkerze
DEU for glow plugs

Glühlampe
DEU for filament lamps

glues
USE adhesives

Gluon
DEU for gluons

gluon plasma
USE quark-gluon plasma

gluon-gluon interactions
BT elementary particle interactions
PT colour model
elementary particle interactions
RT colour model
gluon-gluon scattering
gluons
quantum chromodynamics
DEU Gluon-Gluon-Wechselwirkung

gluon-gluon scattering
BT elementary particle scattering
PT elementary particle scattering
RT colour model
gluon-gluon interactions
gluons
quantum chromodynamics
DEU Gluon-Gluon-Streuung

Gluon-Gluon-Streuung
DEU for gluon-gluon scattering

Gluon-Gluon-Wechselwirkung
DEU for gluon-gluon interactions

gluonia
USE colour model
\+ meson resonances
\+ quark confinement

gluons
BT hypothetical particles
PT colour model
quark confinement
RT colour model
gluon-gluon interactions
gluon-gluon scattering

quantum chromodynamics
quark confinement
quark-gluon plasma
DEU Gluon

GMAW welding
USE arc welding

GML
USE page description languages

GMR
USE giant magnetoresistance

GMSK
USE minimum shift keying

GNSS
USE satellite navigation

GO calculations
BT orbital calculations
SY *FSGO calculations*
Gaussian orbital calculations
LCGO calculations
LSGO calculations
PT orbital calculation methods
RT GTO calculations
DEU GO-Berechnung
DSY GO-Kalkulation

GO-Berechnung
DEU for GO calculations

GO-Kalkulation
DUS für GO calculations

goal programming
USE mathematical programming

goggles
USE eye protection

Golay codes
BT codes
PT codes
encoding (general)
error correction codes
RT block codes
cyclic codes
decoding
Hamming codes
DEU Golay-Code

Golay-Code
DEU for Golay codes

gold
BT transition metals
SY *Au (chemical element)*
PT distributive administrative data processing
RT gold alloys
gold compounds
DEU Gold

gold alloys
BT transition metal alloys
PT gold compounds
RT gold
gold compounds
DEU Goldlegierung

Gold codes
BT binary codes
UF *Gold sequences / binary sequences + Gold codes*
PT codes
pseudonoise codes
RT binary sequences
code division multiple access
pseudonoise codes
spread spectrum communication
DEU Gold-Code

gold compounds
BT transition metal compounds
RT gold
gold alloys
DEU Goldverbindung

Gold sequences
USE binary sequences
\+ Gold codes

Gold-Code
DEU for Gold codes

Goldlegierung
DEU for gold alloys

Goldstein-Boson
DEU for Goldstone bosons

Goldstone bosons
BT intermediate bosons
PT intermediate bosons
RT intermediate boson decay
intermediate boson interactions
intermediate boson production
DEU Goldstein-Boson
DSY Goldstone-Boson

Goldstone-Boson
DUS für Goldstone bosons

Goldverbindung
DEU for gold compounds

Gold
DEU for gold

Goniometer
DEU for goniometers

goniometers
BT meters
RT angular measurement
X-ray apparatus
DEU Goniometer

goods dispatch data processing
BT dispatching
distributive data processing
goods distribution
PT distributive administrative data processing
DEU Warenwirtschaftsdatenverarbeitung

goods distribution
NT distribution strategy
goods dispatch data processing
warehousing
SY *cargo distribution*
RT dispatching
freight handling
materials handling
production management
sea ports
transportation
vehicle routing
DEU Güterverteilung
DSY Warenverteilung

Goppa codes
BT codes
UF *geometric Goppa codes / geometric codes + Goppa codes*
PT codes
encoding (general)
error correction codes
RT BCH codes
cyclic codes
decoding
geometric codes
linear codes
DEU Goppa-Code

Goppa-Code
DEU for Goppa codes

GOT calculations
USE LCAO calculations

government
NT government policies
law administration
local government
public administration
RT government data processing
legislation
politics
public finance
DEU Regierung

government borrowing
USE government policies
\+ public finance

government data processing
BT administrative data processing
NT police data processing
SY *e-voting (politics)*
electronic voting (politics)
PT government administrative data processing
RT government
law administration
public administration
tax preparation
town and country planning
DEU Behördendatenverarbeitung
DSY Regierungsdatenverarbeitung
staatliche Datenverarbeitung
Verwaltungsdatenverarbeitung

government expenditure
USE government policies
\+ public finance

government policies
BT government
UF *domain names (Internet) / government policies + Internet + legislation*
UF *environmental policies / environmental factors + government policies*
UF *EU environmental legislation / environmental legislation + government policies + international collaboration*
UF *EU legislation / government policies + international collaboration + legislation*
UF *government borrowing /*

government policies + public finance
UF *government expenditure / government policies + public finance*
UF *Kyoto protocol / air pollution control + climate mitigation + environmental legislation + government policies*
UF *TBDF / data privacy + EFTS + government policies*
UF *transborder data flow / data privacy + EFTS + government policies*
PT legislation
politics
RT computer crime
critical infrastructures
data privacy
defence industry
Digital Divide
electricity supply industry
deregulation
energy security
green computing
international collaboration
local government
national security
pensions
privatisation
public transport
research initiatives
road pricing (tolls)
socio-economic effects
sustainable development
taxation
technology transfer
terrorism
DEU Regierungspolitik

GP Com stars
USE cataclysmic binary stars
\+ white dwarfs

GP zones
USE Guinier-Preston zones

GPIB
USE peripheral interfaces

GPR
USE ground penetrating radar

GPRS
USE cellular radio
\+ packet radio networks

GPS
USE Global Positioning System

GPS (Globales Positionierungssystem)
DUS für Global Positioning System

GPU
USE graphics processing units

graded index optics
USE gradient index optics

gradient index optics
BT optics
SY *graded index optics*
UF *GRIN lenses / gradient index optics + lenses*
SY *GRIN optics*
Selfoc optics
RT geometrical optics
integrated optics
lenses
optical elements
optical fibres
optical materials
refractive index
DEU Gradientenoptik

gradient methods
BT iterative methods
NT conjugate gradient methods
SY *steepest descent methods*
RT least mean squares methods
matrix algebra
optimisation
search problems
DEU Gradientenmethode

Gradientenmethode
DEU for gradient methods

Gradientenoptik
DEU for gradient index optics

Gradientenwerkstoff
DUS für functionally graded materials

gradiometers (gravimetric)
USE gravimeters

gradiometers (magnetic)
USE magnetometers

Grafikeinheit
DEU for graphics processing units

Grafikprozessor
DUS für graphics processing units

Grafikprozessoreinheit
DUS für graphics processing units

grafische Ausstattung (Computer)
DUS für graphic equipment, computer

grafische Benutzeroberfläche
DEU for graphical user interfaces

grafische Sprache
DUS für graphical languages

graft polymers
USE polymer blends

grain (agricultural)
USE agricultural products

grain boundaries
BT crystal defects
crystal microstructure
NT tilt boundaries
twin boundaries
twist boundaries
UF *boundaries / boundary layers + grain boundaries + interface phenomena*
PT crystal defects
crystal microstructure
RT bicrystals
dislocation pinning
dislocations
grain boundary diffusion
grain boundary segregation
grain growth
nanostructured materials
subboundary structure
DEU Korngrenze

grain boundary diffusion
BT diffusion
SY *grain boundary migration*
PT diffusion in solids
RT grain boundaries
grain boundary segregation
DEU Korngrenzendiffusion

grain boundary migration
USE grain boundary diffusion

grain boundary precipitation
USE grain boundary segregation
\+ precipitation

grain boundary segregation
BT segregation
UF *grain boundary precipitation / grain boundary segregation + precipitation*
PT segregation
RT grain boundaries
grain boundary diffusion
DEU Korngrenzenseigerung

grain boundary sliding
USE slip

grain growth
BT crystal microstructure
PT grain size
recrystallisation
RT grain boundaries
grain refinement
grain size
nanostructured materials
recrystallisation
DEU Kornwachstum

grain refinement
BT crystal microstructure
PT grain size
heat treatment of alloys
heat treatment
recrystallisation
RT grain growth
grain size
heat treatment
DEU Kornfeinung
DSY Kornverfeinerung

grain size
BT crystal microstructure
UF *Hall-Petch relationship / grain size + yield stress*
PT crystal microstructure
RT grain growth
grain refinement
nanostructured materials
DEU Korngröße

grain structure
USE crystal microstructure

grain subboundaries
USE subboundary structure

grammars
NT context-free grammars
context-sensitive grammars
graph grammars
rewriting systems
SY *parsers*

UF *parsing / grammars + program compilers*
RT computational linguistics
formal languages
program compilers
DEU Grammatik

Grammatik
DEU for grammars

gramophones
USE audio equipment
DEU Plattenspieler

Granat
DEU for garnets

grand unified theory
BT unified gauge models
PT unified field theories
RT elementary particle
electromagnetic interactions
elementary particle strong interactions
elementary particle weak interactions
gravitation
models beyond standard model
DEU Große Einheitliche Theorie

granular computing
RT artificial intelligence
data mining
formal concept analysis
fuzzy set theory
inference mechanisms
learning (artificial intelligence)
rough set theory
DEU granulare Computeranwendung
DSY granulare Rechneranwendung

granular flow
BT two-phase flow
PT two-phase flow
RT fluidised beds
granular materials
DEU granulare Strömung

granular materials
BT materials
NT granular superconductors
powders
PT materials
RT granular flow
granular structure
soft matter
DEU granulars Material
DSY körniger Stoff
körniger Werkstoff
körniges Gut
körniges Material
Korn (Form)
kornförmiger Werkstoff
kornförmiges Material

granular metallic thin films
USE discontinuous metallic thin films

granular structure
BT solid structure
RT granular materials
powders
DEU Granularstruktur
DSY Kornstruktur
Krümelstruktur

granular superconductors
BT granular materials
superconducting materials
PT granular materials
high-temperature superconductors
RT high-temperature superconductors
DEU granularer Supraleiter

granulare Computeranwendung
DEU for granular computing

granulare Rechneranwendung
DUS für granular computing

granulare Strömung
DEU for granular flow

granularer Supraleiter
DEU for granular superconductors

granulars Material
DEU for granular materials

Granularstruktur
DEU for granular structure

Granulierpresse
DUS für presses

Graph
DEU for graphs

graph coloring
USE graph colouring

graph colouring
BT graph theory
SY *graph coloring*
PT graph theory
DEU Farbgraph

DSY Graphenfärbung

graph grammars
BT grammars
SY *graph transformation systems*
PT graph theory
RT graph theory
DEU Graphengrammatik

graph theory
BT combinatorial mathematics
topology
NT bond graphs
directed graphs
graph colouring
reachability analysis
trees (mathematics)
RT complex networks
computational geometry
graph grammars
graphs
information theory
network analysis
network synthesis
network theory (graphs)
small-world networks
vehicle routing
DEU Graphentheorie

graph transformation systems
USE graph grammars

Graphen (Kohlenstoff)
DEU for graphene

graphene
BT carbon
PT carbon
RT carbon nanotubes
graphite
nanoribbons
nanostructured materials
DEU Graphen (Kohlenstoff)

Graphenfärbung
DUS für graph colouring

Graphengrammatik
DEU for graph grammars

Graphentheorie
DEU for graph theory

graphic equipment, computer
USE computer graphic equipment
DSY grafische Ausstattung (Computer)

graphical languages
USE visual languages
DSY grafische Sprache

graphical user interfaces
BT user interfaces
SY *GUI*
icon-based interfaces
PT user interfaces
RT avatars
computer graphics
virtual instrumentation
visual programming
DEU grafische Benutzeroberfläche
DSY graphische Benutzeroberfläche

graphics coprocessors
USE graphics processing units

graphics processing units
BT coprocessors
SY *GPU*
graphics coprocessors
PT computer graphic equipment
coprocessors
RT computer graphic equipment
computer graphics
image processing
parallel processing
DEU Grafikeinheit
DSY Grafikprozessor
Grafikprozessoreinheit
Graphikeinheit
Graphikprozessor
Graphikprozessoreinheit

graphics scanners
USE image scanners

graphics, computer
USE computer graphics

Graphikeinheit
DUS für graphics processing units

Graphikprozessor
DUS für graphics processing units

Graphikprozessoreinheit
DUS für graphics processing units

graphische Benutzeroberfläche
DUS für graphical user interfaces

Graphit
DEU for graphite

Graphit-Interkalationsverbindung
DEU for graphite intercalation compounds

graphite
BT carbon
NT graphite intercalation compounds
UF *graphite fibres / carbon fibres + graphite*
RT carbon nanotubes
fullerenes
graphene
graphitisation
moderators
DEU Graphit

graphite fibre reinforced composites
USE carbon fibre reinforced composites

graphite fibre reinforced plastics
USE carbon fibre reinforced plastics

graphite fibres
USE carbon fibres
\+ graphite

graphite intercalation compounds
BT graphite
intercalation compounds
SY *intercalated graphite*
PT graphite
intercalation compounds
RT synthetic metals
DEU Graphit-Interkalationsverbindung
DSY Graphiteinlagerungsverbindung

Graphiteinlagerungsverbindung
DUS für graphite intercalation compounds

graphitic steel
USE carbon steel

graphitisation
SY *graphitization*
PT graphite
RT graphite
DEU Graphitisierung

Graphitisierung
DEU for graphitisation

graphitising
BT annealing
SY *graphitizing*
PT annealing
iron alloys
RT iron alloys
DEU Aufkohlung

graphitization
USE graphitisation

graphitizing
USE graphitising

graphs
NT Bode diagrams
root loci
RT calculation
charts
graph theory
nomograms
DEU Graph
DSY Schaubild

gratings (diffraction)
USE diffraction gratings

graues System
DEU for grey systems

gravimeters
BT meters
SY *gradiometers (gravimetric)*
gravimetric instruments
gravity meters
PT gravity
RT geophysical equipment
gravity
DEU Schweremessung

gravimetric instruments
USE gravimeters

gravimetry
USE density measurement
\+ weighing

gravimetry (geophysical)
USE geophysical techniques
\+ gravity

gravitation
NT intermediate range forces
quantum gravity
Schwarzschild metric
UF *bending of light / gravitation + light*
SY *equivalence principle*
RT brane world
celestial mechanics
classical field theory
cosmic acceleration
Einstein field equations
Einstein-Maxwell equations
force
general relativity
grand unified theory

gravitational collapse
gravitational constant
gravitational experiments
gravitational lenses
gravitational red shift
gravitational waves
gravity
Kaluza-Klein theory
pendulums
space-time configurations
unified field theories
DEU Anziehungskraft (Gravitation)
DSY Gravitation (Anziehungskraft)
Massenanziehungskraft
Schwerkraft

Gravitation (Anziehungskraft)
DUS für gravitation

gravitational collapse
PT gravitation
RT black holes
gravitation
neutron stars
star formation
supernovae
DEU Gravitationskollaps
DSY Gravitationszusammenbruch

gravitational constant
BT constants
PT constants
gravitation
RT gravitation
DEU Gravitationskonstante

gravitational experiments
NT gravitational wave detectors
PT gravitation
RT gravitation
intermediate range forces
DEU Gravitationsexperiment

gravitational lenses
SY *lenses, gravitational*
microlensing
PT gravitation
RT galaxies
gravitation
quasars
stars
DEU Gravitationslinse

gravitational radiation
USE gravitational waves

gravitational red shift
BT red shift
SY *Finlay-Freundlich red-shift hypothesis*
PT red shift
RT gravitation
DEU Gravitationsrotverschiebung

gravitational wave detectors
BT gravitational experiments
PT gravitational experiments
RT astronomical instruments
gravitational waves
light interferometers
DEU Gravitationswellendetektor

gravitational waves
BT waves
SY *gravitational radiation*
RT gravitation
gravitational wave detectors
gravitons
DEU Gravitationswelle

Gravitationsexperiment
DEU for gravitational experiments

Gravitationskollaps
DEU for gravitational collapse

Gravitationskonstante
DEU for gravitational constant

Gravitationslinse
DEU for gravitational lenses

Gravitationsrotverschiebung
DEU for gravitational red shift

Gravitationswelle
DEU for gravitational waves

Gravitationswellendetektor
DEU for gravitational wave detectors

Gravitationszusammenbruch
DUS für gravitational collapse

Gravitie
DUS für gravity

Gravitiewelle
DEU for gravity waves

Graviton
DEU for gravitons

gravitons
BT bosons
SY *geons*
RT gravitational waves
quantum gravity
DEU Graviton

gravity
UF *gravimetry (geophysical) / geophysical techniques + gravity*
RT biological effects of gravity
force
geodesy
gravimeters
gravitation
pendulums
DEU Gewicht
DSY Gravitie
Schwere

gravity meters
USE gravimeters

gravity waves
BT waves
PT gravity
waves
RT atmospheric waves
fluids
ocean waves
DEU Gravitiewelle
DSY Schwerewelle

Gray codes
BT codes
SY *binary reflected codes*
reflected binary codes
PT codes
encoding (general)
DEU Gray-Code

Gray-Code
DEU for Gray codes

grazing incidence optics, X-ray
USE X-ray optics

greases
BT lubricants
SY *greasing*
PT lubrication
RT fats
lubricating oils
DEU Schmierfett

greasing
USE greases

greedy algorithms
BT algorithm theory
PT algorithm theory
DEU Greedy-Algorithmus

Greedy-Algorithmus
DEU for greedy algorithms

green computing
BT environmental factors
SY *green IT*
PT environmental factors
RT design for environment
environmental legislation
government policies
low-power electronics
power aware computing
recycling
sustainable development
DEU umweltförderliche Computeranwendung
DSY umweltförderliche Rechneranwendung

green issues
USE environmental factors

green IT
USE green computing

green taxation
USE environmental economics
\+ taxation

Green's function methods
BT differential equations
functions
NT CPA calculations
RT elementary particle theory
KKR calculations
quantum field theory
spectral-domain analysis
DEU Greens-Funktionsverfahren

greenhouse effect
USE air pollution
\+ atmospheric temperature
\+ climatology

greenhouses
BT facilities
PT agriculture
horticulture
RT agriculture
environmental engineering

gardening
horticulture
DEU Gewächshaus
DSY Treibhaus

Greens-Funktionsverfahren
DEU for Green's function methods

Grenz-Element-Methode
DEU for boundary-elements methods

Grenzelementmethode
DUS für boundary-elements methods

Grenzflächeneigenschaft
DEU for interface phenomena

Grenzflächenerscheinung
DUS für interface phenomena

Grenzflächenmagnetismus
DEU for interface magnetism

Grenzflächenphänomen
DUS für interface phenomena

Grenzflächenrauhigkeit
DEU for interface roughness

Grenzflächenstruktur
DEU for interface structure

Grenzflächenvorgang
DUS für interface phenomena

Grenzintegralgleichung
DEU for boundary integral equations

Grenzschicht
DEU for boundary layers

Grenzschichtphänomen
DUS für interface phenomena

Grenzschichtströmung
DEU for boundary layer flow

Grenzschichtturbulenz
DEU for boundary layer turbulence

Grenzströmung
DUS für confined flow

Grenzwertproblem
DEU for boundary-value problems

Grenzzustand
DEU for bound states

Grenzzyklus
DEU for limit cycles

grey systems
BT uncertain systems
PT uncertain systems
RT fuzzy systems
DEU graues System

grid computing
BT metacomputing
SY *data grids*
The Grid
PT metacomputing
RT distributed memory systems
volunteer computing
DEU Energienetzcomputeranwendung
DSY Energienetzrechneranwendung
Grid-Computing
Grid-Rechneranwendung
Netzcomputeranwendung
Netzrechneranwendung

Grid-Computing
DUS für grid computing

Grid-Rechneranwendung
DUS für grid computing

Griff
DEU for handles

GRIN lenses
USE gradient index optics
\+ lenses

GRIN optics
USE gradient index optics

grinding
BT materials handling
RT abrasion
abrasives
finishing
grinding machines
machine tools
machining
optical fabrication
polishing
ultrasonic machining
wear
DEU Schleifen

grinding machines
BT machine tools
PT grinding
machine tools
RT crushers
grinding
DEU Schleifmaschine

grippers
BT materials handling equipment
UF *microgrippers / grippers + micromanipulators*
RT dexterous manipulators
end effectors
industrial robots
vices
work-holding devices
DEU Packer

Größeneffekt
DEU for size effect

Größenmessung
DEU for size measurement

Größensteuerung und -regelung
DEU for size control

groove guides
USE waveguides

Gross Domestic Product
USE economic indicators

Gross National Product
USE economic indicators

Großbildschirm
DEU for large screen displays

Große Einheitliche Theorie
DEU for grand unified theory

Große Magallansche Wolke
DEU for Large Magellanic Cloud

Großhandeldatenverarbeitung
DEU for wholesale data processing

Großraumsystem (Netz)
DEU for large-scale systems

Großrechner
DEU for mainframes

Großstadtnetzwerk
DEU for metropolitan area networks

Großteilepresse
DUS für presses

Großverpackung
DUS für bin packing

ground electrodes
USE earth electrodes

ground penetrating radar
BT radar
SY *GPR*
PT remote sensing by radar
RT buried object detection
geophysical techniques
landmine detection
radar detection
radar imaging
remote sensing by radar
synthetic aperture radar
ultra wideband radar
DEU Bodendurchdringungsradar
DSY Bodeneindringradar

ground services, aerospace
USE ground support systems

ground source heat pumps
BT heat pumps
PT heat pumps
RT geothermal power
heat exchangers
space heating
terrestrial heat
DEU Erdwärmepumpe

ground states
BT energy states
RT atomic structure
excited states
molecular electronic states
DEU Grundzustand

ground support equipment
SY *aerospace ground equipment*
RT aircraft communication
ground support systems
military equipment
missiles
navigation
rockets
space vehicles
telemetry
DEU Bodenunterstützungsausrüstung

ground support systems
SY *ground services, aerospace*
RT aerospace
aircraft
aircraft communication
ground support equipment
instrument landing systems
microwave landing systems
missiles
navigation
radionavigation
rockets
space vehicles
telemetry
DEU Bodenunterstützungssystem

ground temperature
USE land surface temperature

grounding
USE earthing

groundwater
SY *aquifers*
PT rivers and lakes
RT drilling (geotechnical)
hydrochemistry
hydrology
lakes
rivers
water
DEU Grundwasser

group codes
BT codes
PT codes
RT group theory
DEU Gruppencode

group decision support systems
BT decision support systems
groupware
PT decision support systems
groupware
RT database management systems
electronic mail
expert systems
local area networks
multi-access systems
negotiation support systems
teleconferencing
DEU Gruppenentscheidungsunterstützun gssystem

group method of data handling
USE forecasting theory
\+ identification

group technology
BT production
technology
PT manufacture
production control
RT facilities layout
product design
production control
DEU Gruppentechnologie

group theoretical schemes
BT elementary particle theory
PT group theory
RT group theory
O groups
O(2) groups
SO groups
SU(2) theory
SU(3) theory
SU(4) theory
SU(5) theory
SU(6) theory
SU(7) theory
SU(8) theory
SU(N) theory
DEU gruppentheoretisches Schema

group theory
BT algebra
set theory
NT Clebsch-Gordan coefficients
Lie groups
O groups
renormalisation
SO groups
SU(N) theory
SY *monoids*
UF *quantum groups / group theory + quantum theory*
SY *spinor groups*
RT Banach spaces
band theory
crystal symmetry
elementary particle theory
group codes
group theoretical schemes
Hilbert spaces
symmetry
DEU Gruppentheorie

Groupe Speciale Mobile
USE cellular radio

groupware
NT group decision support systems
SY *collaborative work*
computer supported collaborative work

cooperative work
CSCW
UF *multi-user systems / groupware* + *multi-access systems* + *multiprogramming* + *time-sharing programs* + *time-sharing systems*
PT multi-access systems
RT collaborative filtering
computer mediated communication
electronic mail
local area networks
multi-access systems
multimedia computing
teleconferencing
virtual enterprises
workflow management software
DEU Groupware (DV)

Groupware (DV)
DEU for groupware

Gründung (Bauwesen)
DEU for foundations

Grüneisen-Koeffizient
DEU for Gruneisen coefficient

Grundlagenphysik
DEU for physics fundamentals

Grundwasser
DEU for groundwater

Grundzustand
DEU for ground states

Gruneisen coefficient
BT thermodynamic properties
RT specific heat
thermal expansion
DEU Grüneisen-Koeffizient

Gruppenantenne
DUS für antenna arrays

Gruppenarbeit
DEU for team working

Gruppenbeschleuniger
DUS für collective accelerators

Gruppencode
DEU for group codes

Gruppenentscheidungsunterstützungssy stem
DEU for group decision support systems

Gruppenlaser
DEU for laser arrays

Gruppenreflektorantenne
DEU for reflectarray antennas

Gruppensignalverarbeitung
DEU for array signal processing

Gruppentechnologie
DEU for group technology

gruppentheoretisches Schema
DEU for group theoretical schemes

Gruppentheorie
DEU for group theory

GSM
USE cellular radio

GSMBE
USE chemical beam epitaxial growth

GTAW welding
USE arc welding

GTD
USE geometrical theory of diffraction

GTEM cells
USE TEM cells

GTO calculations
BT orbital calculations
SY *Gaussian-type orbital calculations*
PT orbital calculation methods
RT GO calculations
DEU GTO-Berechnung
DSY GTO-Kalkulation

GTO devices
USE thyristors

GTO-Berechnung
DEU for GTO calculations

GTO-Kalkulation
DUS für GTO calculations

guarantees
USE warranties

Güte-Schaltung
DEU for Q-switching

Gütefaktor
DEU for Q-factor

Gütemodulation
DUS für Q-switching

Güterentladung
DEU for unloading

Güterverteilung
DEU for goods distribution

Güteschaltbetrieb
DUS für Q-switching

Güteschalten
DUS für Q-switching

Güteschalter
DUS für Q-switching

GUI
USE graphical user interfaces

guide stars, artificial
USE artificial guide stars

guided electromagnetic wave propagation
USE waveguide theory

guided light propagation
USE optical waveguide theory

guideways (mechanical)
USE mechanical guides

Guinier-Preston zones
BT crystal microstructure
precipitation
SY *GP zones*
PT crystal microstructure
RT segregation
DEU Guinier-Preston-Zone

Guinier-Preston-Zone
DEU for Guinier-Preston zones

Gulyaev-Bleustein waves
USE surface acoustic waves

Gummi
DEU for rubber

Gummierzeugnis
DEU for rubber products

Gummiindustrie
DEU for rubber industry

Gummikissenziehpresse
DUS für presses

Gummiprodukt
DUS für rubber products

Gummiware
DUS für rubber products

Gunn devices
BT negative resistance devices
NT Gunn diodes
Gunn oscillators
SY *Gunn effect devices*
transferred electron devices
RT Gunn effect
DEU Gunn-Element

Gunn diodes
BT Gunn devices
semiconductor diodes
PT Gunn devices
semiconductor diodes
RT Gunn effect
Gunn oscillators
microwave diodes
millimetre wave diodes
UHF diodes
DEU Gunn-Diode

Gunn effect
BT high field effects
SY *transferred electron effects*
RT Gunn devices
Gunn diodes
limited space charge
accumulation
negative resistance
semiconductor materials
DEU Gunn-Effekt

Gunn effect devices
USE Gunn devices

Gunn oscillators
BT Gunn devices
oscillators
SY *transferred electron oscillators*
RT Gunn diodes
injection locked oscillators
microwave oscillators
millimetre wave oscillators

DEU Gunn-Oszillator

Gunn-Diode
DEU for Gunn diodes

Gunn-Effekt
DEU for Gunn effect

Gunn-Element
DEU for Gunn devices

Gunn-Oszillator
DEU for Gunn oscillators

guns
USE weapons

guns, plasma
USE plasma guns

Gusseisen
DEU for cast iron

GVB calculations
USE VB calculations

GVFF calculations
USE orbital calculations

gynaecology
BT medicine
SY *gynecology*
RT obstetrics
patient diagnosis
patient treatment
DEU Gynäkologie

Gynäkologie
DEU for gynaecology

gynecology
USE gynaecology

gyration
USE rotation

Gyrator
DEU for gyrators

gyrators
BT active networks
SY *positive impedance invertors*
RT ferrites
network analysis
phase shifters
waveguides
DEU Gyrator

gyroklystrons
USE gyrotrons
\+ klystrons

gyromagnetic effect
UF *Barnett effect / gyromagnetic effect + magnetisation*
RT gyromagnetic ratio
magnetic resonance
magnetomechanical effects
DEU gyromagnetische Wirkung
DSY gyromagnetischer Effekt

gyromagnetic ratio
SY *proton gyromagnetic ratio*
RT atoms
Einstein-de Haas effect
g-factor
gyromagnetic effect
magnetic resonance
nuclear magnetic moment
nucleus
DEU gyromagnetische Kennziffer
DSY gyromagnetischer Koeffizient
gyromagnetischer Quotient

gyromagnetische Kennziffer
DEU for gyromagnetic ratio

gyromagnetische Wirkung
DEU for gyromagnetic effect

gyromagnetischer Effekt
DUS für gyromagnetic effect

gyromagnetischer Koeffizient
DUS für gyromagnetic ratio

gyromagnetischer Quotient
DUS für gyromagnetic ratio

gyromagnetrons
USE gyrotrons
\+ magnetrons

gyromonotrons
USE gyrotrons

gyropeniotrons
USE gyrotrons

gyroscopes
BT instruments
NT fibre optic gyroscopes
RT compasses
navigation
rotation
DEU Gyroskop

DSY Kreisel
Kreiselmessgerät
Präzisionsmessgerät

Gyroskop
DEU for gyroscopes

Gyrotron
DEU for gyrotrons

gyrotrons
BT vacuum tubes
UF *gyroklystrons / gyrotrons + klystrons*
UF *gyromagnetrons / gyrotrons + magnetrons*
SY *gyromonotrons*
gyropeniotrons
gyrotwystrons
PT microwave tubes
RT cyclotron masers
microwave amplifiers
microwave generation
microwave oscillators
microwave tubes
millimetre wave oscillators
millimetre wave tubes
submillimetre wave tubes
DEU Gyrotron

gyrotropy (optical)
USE optical rotation

gyrotwystrons
USE gyrotrons

Gyulbudagian-Glushkov-Denisyuk objects
USE nebulae
\+ pre-main-sequence stars
\+ ultraviolet sources (astronomical)

Gyulbudagian-Magakian objects
USE nebulae
\+ pre-main-sequence stars
\+ ultraviolet sources (astronomical)

H (chemical element)
USE hydrogen
DEU H (chemisches Element)

H (chemisches Element)
DEU for H (chemical element)

H I region
USE H I regions

H I regions
BT interstellar matter
SY *H I region*
PT H I region
DEU H-I-Region

H II region
USE H II regions

H II regions
BT nebulae
UF *extragalactic H II regions / galaxies + H II regions*
SY *H II region*
UF *OH Type I sources / astronomical masers + H II regions + infrared sources (astronomical) + radiosources (astronomical) + stars*
PT H II region
DEU H-II-Region

H infinity control
USE H-infin-control

H infinity filters
USE H-infin filters

H infinity optimisation
USE H-infin-optimisation

H-centers
USE H-centres

H-centres
BT V-centres
SY *H-centers*
Vh-centers
VH-centres
PT colour centres
DEU H-Zentrum

H-I-Region
DEU for H I regions

H-II-Region
DEU for H II regions

H-infin control
USE H-infin-control

H-infin filters
BT filters
SY *H infinity filters*
RT filtering theory
H-infin-control
H-infin-optimisation
H2 filters

Kalman filters
robust control
DEU H-unendlich Filter

H-infin optimisation
USE H-infin-optimisation

H-infin-control
BT optimal control
SY *H infinity control*
H-infin control
PT optimal control
RT H-infin filters
H-infin-optimisation
DEU H-unendlich-Steuerung

H-infin-optimisation
BT optimisation
SY *H infinity optimisation*
H-infin optimisation
PT optimal control
optimisation
RT H-infin filters
H-infin-control
DEU H-unendlich-Optimierung

H-S variables
USE supergiant stars
+ variable stars

H-unendlich Filter
DEU for H-infin filters

H-unendlich-Optimierung
DEU for H-infin-optimisation

H-unendlich-Steuerung
DEU for H-infin-control

H-Zentrum
DEU for H-centres

H.264 coding
USE data compression
+ video codecs
+ video coding

H2 control
USE H2-control

H2 filters
BT filters
RT filtering theory
H-infin filters
H2-control
Kalman filters
DEU H2-Filter

H2-control
BT control theory
SY *H2 control*
RT H2 filters
optimal control
robust control
DEU H2-Steuerung

H2-Filter
DEU for H2 filters

H2-Steuerung
DEU for H2-control

H3O+
USE hydrogen compounds
+ positive ions

Ha (chemical element)
USE dubnium
DEU Ha (chemisches Element)

Ha (chemisches Element)
DEU for Ha (chemical element)

Haar transforms
BT transforms
PT transforms
RT inverse transforms
DEU Haar-Transformation

Haar-Transformation
DEU for Haar transforms

Haarrissbildung
DEU for crazing

hacking (hobby computing)
USE hobby computing

hacking (illegal computer access)
USE computer crime

Hadamard codes
BT codes
PT codes
RT code division multiple access
error correction codes
spread spectrum communication
DEU Hadamard-Code

Hadamard matrices
BT matrix algebra
PT matrix algebra
RT encoding (general)
Hadamard transforms
DEU Hadamard-Matrix

Hadamard transforms
BT transforms
PT transforms
RT Hadamard matrices
inverse transforms
signal processing
Walsh functions
DEU Hadamard-Transformation

Hadamard-Code
DEU for Hadamard codes

Hadamard-Matrix
DEU for Hadamard matrices

Hadamard-Transformation
DEU for Hadamard transforms

Hadfield steel
USE alloy steel

Hadron
DEU for hadrons

hadron classification schemes
BT elementary particle strong interactions
PT elementary particle interactions
hadrons
RT hadrons
DEU Hadron-Klassifizierungsschema

hadron current
BT current algebra
RT hadrons
DEU Hadron-Strömung
DSY Hadron-Strom

hadron decay
BT elementary particle decay
NT baryon decay
meson decay
RT hadrons
DEU Hadron-Zerfall

hadron electroproduction
BT hadron leptoproduction
UF *electron interactions / electron collisions + electron-deuteron interactions + electron-electron interactions + electron-nucleon interactions + electron-nucleus reactions + electron-positron interactions + electron-quark interactions + hadron electroproduction*
UF *electron scattering / electron collisions + electron-deuteron scattering + electron-electron scattering + electron-nucleon scattering + electron-nucleus scattering + electron-positron scattering + electron-quark scattering + hadron electroproduction*
SY *electroproduction*
UF *positron scattering / electron-electron scattering + electron-nucleon scattering + electron-nucleus scattering + hadron electroproduction + positron collisions*
PT electron interactions
hadron leptoproduction
hadron production
DEU Hadron-Elektroproduktion

hadron interactions
USE hadron-deuteron interactions
\+ hadron-hadron interactions

hadron leptoproduction
BT hadron production
NT hadron electroproduction
PT hadron lepto-production
RT light cones
DEU Hadron-Leptoproduktion

hadron mass
BT elementary particle mass
NT baryon mass
meson mass
PT baryon mass
meson mass
RT hadrons
DEU Hadron-Masse

hadron parity
BT elementary particle parity
NT baryon parity
meson parity
PT hadron spin and parity
RT hadron spin
DEU Hadron-Paarigkeit
DSY Hadron-Parität

hadron photoproduction
BT hadron production
NT baryon photoproduction
meson photoproduction
SY *photoproduction*
PT hadrons
photon interactions
DEU Hadron-Fotoproduktion
DSY Hadron-Lichtproduktion
Hadron-Photoproduktion

hadron production
NT baryon production
hadron leptoproduction
hadron photoproduction
meson production
pionisation
PT hadrons
RT elementary particle jets
hadrons
DEU Hadron-Produktion

hadron reactions
USE hadron-nucleus reactions

hadron scattering
USE hadron-deuteron scattering
\+ hadron-hadron scattering

hadron spin
BT elementary particle spin
NT baryon spin
meson spin
PT hadron spin and parity
RT hadron parity
isotopic spin (elementary particles)
DEU Hadron-Spin

Hadron-Atomkern-Reaktion
DEU for hadron-nucleus reactions

Hadron-Atomkern-Streuung
DEU for hadron-nucleus scattering

hadron-deuteron interactions
BT elementary particle interactions
NT hyperon-deuteron interactions
meson-deuteron interactions
neutron-deuteron interactions
proton-deuteron interactions
UF *hadron interactions / hadron-deuteron interactions* + *hadron-hadron interactions*
PT baryon interactions
deuteron interactions
hadron interactions
meson interactions
RT hadron-deuteron scattering
DEU Hadron-Deuteron-Wechselwirkung

hadron-deuteron scattering
BT elementary particle scattering
NT hyperon-deuteron scattering
meson-deuteron scattering
neutron-deuteron scattering
proton-deuteron scattering
UF *hadron scattering / hadron-deuteron scattering* + *hadron-hadron scattering*
PT baryon scattering
deuteron scattering
hadron scattering
mesons
RT hadron-deuteron interactions
DEU Hadron-Deuteron-Streuung

Hadron-Deuteron-Streuung
DEU for hadron-deuteron scattering

Hadron-Deuteron-Wechselwirkung
DEU for hadron-deuteron interactions

Hadron-Elektroproduktion
DEU for hadron electroproduction

Hadron-Fotoproduktion
DEU for hadron photoproduction

hadron-hadron interactions
BT elementary particle interactions
NT baryon-baryon interactions
meson-baryon interactions
meson-meson interactions
UF *hadron interactions / hadron-deuteron interactions* + *hadron-hadron interactions*
PT baryon scattering
hadron scattering
meson scattering
RT electromagnetic corrections
hadron-hadron scattering
hadron-nucleus reactions
DEU Hadron-Hadron-Wechselwirkung

hadron-hadron scattering
BT elementary particle scattering
NT baryon-baryon scattering
meson-baryon scattering
meson-meson scattering
UF *hadron scattering / hadron-deuteron scattering* + *hadron-hadron scattering*
PT baryon scattering
hadron scattering
meson scattering
RT electromagnetic corrections
hadron-hadron interactions
hadron-nucleus scattering
DEU Hadron-Hadron-Streuung

Hadron-Hadron-Streuung
DEU for hadron-hadron scattering

Hadron-Hadron-Wechselwirkung
DEU for hadron-hadron interactions

Hadron-Klassifizierungsschema
DEU for hadron classification schemes

Hadron-Leptoproduktion
DEU for hadron leptoproduction

Hadron-Lichtproduktion
DUS für hadron photoproduction

Hadron-Masse
DEU for hadron mass

hadron-nucleus reactions
BT nuclear reactions and scattering
NT hyperon-nucleus reactions
meson-nucleus reactions
nucleon-nucleus reactions
SY *hadron reactions*
PT hyperon-nucleus reactions
meson-nucleus reactions
nuclear reactions and scattering
nucleon-nucleus reactions
RT hadron-hadron interactions
DEU Hadron-Atomkern-Reaktion

hadron-nucleus scattering
BT nuclear reactions and scattering
NT hyperon-nucleus scattering
meson-nucleus scattering
nucleon-nucleus scattering
PT hyperon-nucleus scattering
meson-nucleus scattering
nuclear reactions and scattering
nucleon-nucleus scattering
RT hadron-hadron scattering
DEU Hadron-Atomkern-Streuung

Hadron-Paarigkeit
DEU for hadron parity

Hadron-Parität
DUS für hadron parity

Hadron-Photoproduktion
DUS für hadron photoproduction

Hadron-Produktion
DEU for hadron production

Hadron-Spin
DEU for hadron spin

Hadron-Strömung
DEU for hadron current

Hadron-Strom
DUS für hadron current

Hadron-Verbund
DEU for composite hadrons

Hadron-Zerfall
DEU for hadron decay

hadronic atoms
BT exotic atoms
NT mesic and muonic atoms
mesic atoms
SY *antiprotonic atoms*
PT exotic atoms
DEU hadronisches Atom

hadronic particle decay
USE nonleptonic decays

hadronisches Atom
DEU for hadronic atoms

hadrons
BT elementary particles
NT baryon resonances
baryons
meson resonances
mesons
RT hadron classification schemes
hadron current
hadron decay
hadron mass
hadron production
sum rules
DEU Hadron

haematology
USE blood

haemodynamics
BT biological fluid dynamics
NT blood flow measurement
blood pressure measurement
UF *blood circulation / haemodynamics + haemorheology*
SY *blood dynamics*
UF *blood flow / haemodynamics + haemorheology*
SY *hemodynamics*
RT blood
blood vessels
cardiology
cardiovascular system
haemorheology

photoplethysmography
physiology
plethysmography
DEU Blutdynamik

haemoglobin
USE proteins

haemorheology
BT biorheology
UF *blood circulation / haemodynamics + haemorheology*
UF *blood flow / haemodynamics + haemorheology*
SY *hemorheology*
perfusion (blood)
PT biorheology
blood
RT blood
blood flow measurement
blood vessels
haemodynamics
DEU Blutrheologie

Hänle-Effekt
DEU for Hanle effect

Härte
DEU for hardness

Härten (Werkstoff)
DUS für hardening

Härteprüfung
DEU for hardness testing

Härtung
DUS für hardening

Hafke-Gilles reaction
USE chemical equilibrium
+ chemical reactions
+ reaction kinetics theory

hafnium
BT transition metals
SY *Hf (chemical element)*
RT hafnium alloys
hafnium compounds
DEU Hafnium

hafnium alloys
BT transition metal alloys
PT hafnium compounds
RT hafnium
hafnium compounds
DEU Hafniumlegierung

hafnium compounds
BT transition metal compounds
RT hafnium
hafnium alloys
DEU Hafniumverbindung

Hafniumlegierung
DEU for hafnium alloys

Hafniumverbindung
DEU for hafnium compounds

Hafnium
DEU for hafnium

Haftung (Klebstoff)
DUS für adhesion

Haftungsvermögen
DUS für adhesion

Haftvermögen
DUS für adhesion

Hagen flow
USE pipe flow

Hagen-Poiseuille flow
USE pipe flow
+ Poiseuille flow

hahnium compounds
USE dubnium compounds

hail
USE atmospheric precipitation
+ ice

Halbfertigprodukt
DEU for work in progress

Halbleiter
DEU for semiconductors

Halbleiter mit großer Energielücke
DUS für wide band gap semiconductors

Halbleiter mit schmaler Bandlücke
DEU for narrow band gap semiconductors

Halbleiter mit verringerter Bandlücke
DUS für narrow band gap semiconductors

Halbleiter-Elektrolyt-Grenze
DEU for semiconductor-electrolyte boundaries

Halbleiter-Isolator-Grenzschicht
DEU for semiconductor-insulator boundaries

Halbleiter-Isolator-Halbleiter-Bauelement
DEU for semiconductor-insulator-semiconductor devices

Halbleiter-Isolator-Halbleiter-Frequenzumsetzer
DEU for superconductor-insulator-superconductor mixers

Halbleiter-Isolator-Halbleiter-Gerät
DEU for superconductor-insulator-superconductor devices

Halbleiter-Isolator-Halbleiter-Strukur
DEU for semiconductor-insulator-semiconductor structures

Halbleiter-Metall-Grenzfläche
DEU for semiconductor-metal boundaries

Halbleiter-Nanoröhrchen
DEU for semiconductor nanotubes

Halbleiter-Relais
DEU for semiconductor relays

Halbleiter-Supergitter
DEU for semiconductor superlattices

Halbleiterbauelemente
DUS für semiconductor device breakdown

Halbleiterbauelementmessung
DEU for semiconductor device measurement

Halbleiterbauelementmetallisierung
DEU for semiconductor device metallisation

Halbleiterbauelementmodell
DEU for semiconductor device models

Halbleiterbauelementprüfung
DEU for semiconductor device testing

Halbleiterbauelementrauschen
DEU for semiconductor device noise

Halbleiterbauelementumhüllung
DEU for semiconductor device packaging

Halbleiterbauelementverpackung
DUS für semiconductor device packaging

Halbleiterbauelementzuverlässigkeit
DEU for semiconductor device reliability

Halbleiterdiode
DEU for semiconductor diodes

Halbleiterdotierung
DEU for semiconductor doping

Halbleiterdünnschicht
DEU for semiconductor thin films

Halbleiterepitaxialschicht
DEU for semiconductor epitaxial layers

Halbleiterfertigung
DEU for semiconductor device manufacture

Halbleiterfertigungsmodellierung
DEU for semiconductor process modelling

Halbleitergerät
DEU for semiconductor devices

Halbleitergerätefertigung
DUS für semiconductor device manufacture

Halbleiterindustrie
DEU for semiconductor industry

Halbleiterlaser
DEU for semiconductor lasers

Halbleiterleistungsdiode
DEU for power semiconductor diodes

Halbleiterleistungsgerät
DEU for power semiconductor devices

Halbleiterleistungsschalter
DEU for power semiconductor switches

Halbleitermaterial
DEU for semiconductor materials

Halbleitermaterial mit großer Energielücke
DUS für wide band gap semiconductors

Halbleitermaterialprüfung
DEU for semiconductor materials testing

Halbleitermaterialtest
DUS für semiconductor materials testing

Halbleiterplasma
DEU for semiconductor plasma

Halbleiterquantendraht
DEU for semiconductor quantum wires

Halbleiterquanteninterferenzgerät
DEU for superconducting quantum interference devices

Halbleiterquantenpunkt
DEU for semiconductor quantum dots

Halbleiterquantentopf
DEU for semiconductor quantum wells

Halbleiterschalter
DEU for semiconductor switches

Halbleiterspeicher
DEU for semiconductor storage

Halbleitertechnologie
DEU for semiconductor technology

Halbleiterthyratron
DEU for thyratrons

Halbleiterübergang
DEU for superconducting transition

Halbleiterwachstum
DEU for semiconductor growth

Halbleiterwerkstoff
DUS für semiconductor materials

Halbleiterwerkstoff mit großer Energielücke
DUS für wide band gap semiconductors

Halbleiterwerkstoffprüfung
DUS für semiconductor materials testing

Halbleiterwerkstofftest
DUS für semiconductor materials testing

Halbleiterzähler
DEU for semiconductor counters

halbleptonischer Zerfall
DEU for semileptonic decays

halbmagnetischer Halbleiter
DEU for semimagnetic semiconductors

Halbmetall
DEU for semimetals

Halbmetalldünnschicht
DEU for semimetallic thin films

half-lives (radioactive)
USE radioactive decay periods

half-wave plates
USE optical retarders

halide glasses
BT glass
halides
NT fluoride glasses
SY *bromide glasses*
chloride glasses
iodide glasses
PT glass
RT halogens
DEU Halogenideglas
DSY Halogenidglas

halides
BT inorganic compounds
NT alkali metal halides
halide glasses
PT halogens
RT halogens
DEU Halogene
DSY Halogenide

Hall constant
USE Hall effect

Hall effect
BT galvanomagnetic effects
NT Hall mobility
quantum Hall effect
spin Hall effect
SY *Hall constant*
RT carrier mobility
Corbino effect
Hall effect devices
DEU Hall-Effekt

Hall effect (plasma)
USE plasma magnetohydrodynamics

Hall effect devices
NT Hall effect transducers
SY *Hall generators*
RT Hall effect
semiconductor devices

DEU Hall-Effektgerät

Hall effect thrusters
USE ion engines
+ plasma devices
+ plasma magnetohydrodynamics

Hall effect transducers
BT Hall effect devices
instruments
transducers
DEU Hall-Effekt-Wandler

Hall generators
USE Hall effect devices
DEU Hall-Generator

Hall mobility
BT carrier mobility
Hall effect
PT carrier mobility
Hall effect
DEU Hall-Beweglichkeit
DSY Hall-Mobilität

Hall-Beweglichkeit
DEU for Hall mobility

Hall-Effekt
DEU for Hall effect

Hall-Effekt-Wandler
DEU for Hall effect transducers

Hall-Effektgerät
DEU for Hall effect devices

Hall-Generator
DEU for Hall generators

Hall-Mobilität
DUS für Hall mobility

Hall-Petch relationship
USE grain size
+ yield stress

Hallkammer
DEU for reverberation chambers

halogen lamp annealing
USE incoherent light annealing

Halogene
DEU for halides
halogens

Halogenide
DUS für halides

Halogenideglas
DEU for halide glasses

Halogenidglas
DUS für halide glasses

halogens
NT astatine
bromine
chlorine
fluorine
iodine
RT halide glasses
halides
DEU Halogene

Haltbarkeit
DUS für durability

Halterung
DUS für fasteners
mountings

halting problem
USE computability

HAM calculations
USE orbital calculations

Hamilton-Spin
DEU for spin Hamiltonians

Hammer (Maschine)
DEU for hammers (machines)

hammers (hand tools)
USE hand tools

hammers (machines)
BT machine tools
PT machine tools
RT construction equipment
presses
DEU Hammer (Maschine)

Hamming codes
BT codes
PT codes
error correction codes
RT binary sequences
Golay codes
linear codes
DEU Hamming-Code

Hamming-Code
DEU for Hamming codes

hand recognition
USE palmprint recognition

hand tools
BT tools
SY *hammers (hand tools)*
RT garden tools
DEU Handwerkzeug

Handel
DEU for commerce

Handel auf Gegenseitigkeit
DUS für commodity trading

Handelsabkommen
DEU for trade agreements

Handelsbarriere
DEU for trade barriers

Handelshindernis
DUS für trade barriers

Handelsmarke
DEU for trademarks

Handelsrecht
DEU for commercial law

Handelsschranke
DUS für trade barriers

Handelsvertrag
DUS für trade agreements

handheld computers
USE notebook computers

handicapped aids
SY *aids for the handicapped*
biomedical aids for handicapped
communication aids for handicapped
disabled persons' aids
medical aids for handicapped
PT biomedical equipment
computerised instrumentation
RT ambient intelligence
assisted living
biomedical equipment
brain-computer interfaces
gaze tracking
geriatrics
medical control systems
medical robotics
neuromuscular stimulation
orthotics
patient care
patient rehabilitation
prosthetics
sensory aids
sign language recognition
wheelchairs
DEU Behindertenhilfsgerät
DSY Behindertenhilfsmittel

handles
BT mechanical products
SY *knobs*
RT doors
windows (construction)
DEU Griff
DSY Henkel

handling, materials
USE materials handling

handoff (mobile radio)
USE mobility management (mobile radio)

handover (mobile radio)
USE mobility management (mobile radio)

Handsatz
DUS für lead typesetting

Handschriftenzeichenerkennung
DEU for handwritten character recognition

Handschrifterkennung
DEU for handwriting recognition

handsets (telephone)
USE telephone sets

Handwagen
DUS für trolleys

Handwerkzeug
DEU for hand tools

handwriting recognition
BT biometrics (access control)
SY *signature verification*
PT biometrics (access control)
RT authorisation
handwritten character recognition
text detection
DEU Handschrifterkennung

handwritten character recognition
BT character recognition
PT character recognition
RT handwriting recognition
text detection
DEU Handschriftenzeichenerkennung

Hankel matrices
BT matrix algebra
PT matrix algebra
RT Hankel transforms
DEU Hankel-Matrix

Hankel transforms
BT transforms
PT transforms
RT Hankel matrices
inverse transforms
DEU Hankel-Transformation

Hankel-Matrix
DEU for Hankel matrices

Hankel-Transformation
DEU for Hankel transforms

Hanle effect
BT magneto-optical effects
SY *autoalignment model*
zero field level crossing
PT energy level crossing
optical pumping
Zeeman effect
RT energy level crossing
multiphoton processes
optical pumping
photoexcitation
two-photon processes
Zeeman effect
DEU Hänle-Effekt

haptic interfaces
BT user interfaces
NT data gloves
SY *tactile interfaces*
PT interactive devices
user interfaces
RT force feedback
interactive devices
touch sensitive screens
virtual reality
DEU haptische Schnittstelle
DSY haptisches Interface

haptische Schnittstelle
DEU for haptic interfaces

haptisches Interface
DUS für haptic interfaces

hard collision models
BT elementary particle interaction models
PT elementary particle interaction models
DEU hartes Kollisionen-Modell

hard disc drives
USE disc drives
\+ hard discs

hard discs
BT magnetic disc storage
storage media
UF *hard disc drives / disc drives + hard discs*
SY *hard disks*
rigid discs
Winchester discs
PT magnetic disc and drum storage
RT disc drives
jukebox storage systems
perpendicular magnetic recording
DEU Festplatte

hard disks
USE hard discs

hard magnetic materials
USE permanent magnets

hard metals
USE cermets

hard soldering
USE brazing

hard-sphere fluids
USE liquid theory
\+ statistical mechanics

hardening
NT dispersion hardening
quench hardening
radiation hardening
solid solution hardening
surface hardening
transformation toughening
work hardening
PT dispersion hardening
hardness
radiation hardening
work hardening
RT crystal microstructure
hardness

heat treatment
metallurgy
microhardness
softening
DEU Abhärtung
DSY Aushärtung
Härten (Werkstoff)
Härtung
Verhärtung
Versteifung

hardness
BT mechanical properties
NT microhardness
Vickers hardness
RT abrasion
brittleness
hardening
hardness testing
indentation
machinability
wear
DEU Härte

hardness testing
BT materials testing
mechanical testing
SY *Brinell testing*
PT mechanical testing
RT hardness
indentation
microhardness
Vickers hardness
DEU Härteprüfung

hardware description languages
BT circuit CAD
specification languages
SY *Verilog*
VHDL
PT specification languages
RT logic CAD
DEU Hardware-Beschreibungssprache
DSY Hardwarebeschreibungssprache

Hardware-Beschreibungssprache
DEU for hardware description languages

hardware-software codesign
BT high level synthesis
PT high level synthesis
RT concurrent engineering
development systems
electronic design automation
logic CAD
software engineering
system-on-chip
DEU Hardware-Software-Kodesingn

Hardware-Software-Kodesingn
DEU for hardware-software codesign

Hardwarebeschreibungssprache
DUS für hardware description languages

harmonic analysis
BT functional analysis
RT Fourier analysis
harmonics
harmonics suppression
waveform analysis
DEU harmonische Analyse

harmonic distortion
BT nonlinear distortion
SY *THD*
PT electric distortion
RT harmonics
harmonics suppression
power harmonic filters
power system harmonics
DEU Oberschwingungsverzerrung
DSY Oberschwingungsverformung

harmonic generation
NT optical harmonic generation
SY *second harmonic generation*
SHG
THG
third harmonic generation
RT harmonics
nonlinear acoustics
oscillators
varactors
DEU Frequenzverdopplung

harmonic oscillators
BT oscillations
SY *anharmonic oscillators*
PT oscillations
RT classical mechanics
quantum theory
DEU harmonischer Oszillator
DSY harmonischer Schwingkreis

harmonic oscillators (circuits)
BT oscillators
PT oscillators
DEU harmonischer Oszillator (Schaltung)

harmonics
NT harmonics suppression
power system harmonics
RT acoustics
Fourier analysis
harmonic analysis

harmonic distortion
harmonic generation
oscillations
resonance
vibrations
DEU Harmonische

harmonics suppression
BT harmonics
NT power harmonic filters
PT power system harmonics
RT harmonic analysis
harmonic distortion
nonlinear acoustics
power conversion harmonics
power supply quality
power system harmonics
DEU Harmonischen-Unterdrückung
DSY Oberwellenunterdrückung
Unterdrückung von Harmonischen
Unterdrückung von Oberwellen

Harmonische
DEU for harmonics

harmonische Analyse
DEU for harmonic analysis

Harmonischen-Unterdrückung
DEU for harmonics suppression

harmonischer Energiefilter
DEU for power harmonic filters

harmonischer Oszillator
DEU for harmonic oscillators

harmonischer Oszillator (Schaltung)
DEU for harmonic oscillators (circuits)

harmonischer Schwingkreis
DUS für harmonic oscillators

harmonischer Stromfilter
DUS für power harmonic filters

harmonised index of consumer prices
USE economic indicators

hartes Kollisionen-Modell
DEU for hard collision models

Hartley transforms
BT transforms
NT discrete Hartley transforms
PT transforms
RT inverse transforms
DEU Hartley-Transformation

Hartley-Transformation
DEU for Hartley transforms

Hartlötausrüstung
DEU for brazing equipment

Hartlötausstattung
DUS für brazing equipment

Hartlöteinrichtung
DUS für brazing equipment

Hartlöten
DEU for brazing

Hartlötvorrichtung
DUS für brazing equipment

Hartmann lines
USE Luders bands

Hartmann-Shack sensors
USE wavefront sensors

Hartree calculations
USE SCF calculations

Hartree-Fock calculations
USE HF calculations

Hartree-Fock method
USE HF calculations

Harz (natur)
DEU for resins

hashing functions
USE cryptography
\+ file organisation

Hasiguti relaxation
USE anelastic relaxation
\+ dislocation damping

Haskell
USE functional languages

hassium
BT transactinides
SY *element 108*
Hs (chemical element)
DEU Hassium

Hassium
DEU for hassium

Hastelloy
USE iron alloys
\+ molybdenum alloys
\+ nickel alloys

Haufenparameternetzwerk
DEU for lumped parameter networks

Hauptkomponentenanalyse
DEU for principal component analysis

Hauptlogik
DEU for majority logic

Hauptproduktionsplanung
DEU for master production scheduling

Haus-Photovoltaikanlage
DUS für building integrated photovoltaics

Hauser-Feshbach theory
BT statistical models (nuclear)
PT statistical theory of nuclear reactions and scattering
DEU Hauser-Feshbach-Theory

Hauser-Feshbach-Theory
DEU for Hauser-Feshbach theory

Haushaltgerät
DEU for domestic appliances

Haushaltsdatenverarbeitung
DUS für budgeting data processing

Haushaltsgerät
DEU for household appliances

Haushaltssicherheit
DEU for domestic safety

Haut
DEU for skin

hazardous areas
BT hazards
PT safety
RT explosion protection
hazardous materials
health hazards
industrial accidents
protection
radioactive pollution
radioactive waste
safety
surveillance
DEU gefährdeter Bereich
DSY Gefahrenbereich

hazardous materials
BT hazards
materials
NT explosives
RT chemical hazards
explosive detection
flammability
hazardous areas
national security
radioactive waste
RoHS compliance
safety
toxicology
DEU gefährlicher Stoff
DSY Gefahrstoff

hazards
BT safety
NT biohazards
chemical hazards
hazardous areas
hazardous materials
health hazards
noise (working environment)
noise pollution
RT fires
pest control
DEU Gefahr

hazards and race conditions
SY *race conditions*
RT switching theory
DEU Gefahr-und-Weglauf-Bedingung
DSY Gefahr und Weglauf Bedingung

HBT
USE heterojunction bipolar transistors

HCI
USE human computer interaction

HCMOS
USE CMOS integrated circuits

Hd stars
USE supergiant stars

HD-MAC
USE high definition television
\+ television standards

HdC stars
USE supergiant stars

HDPE insulation
USE polyethylene insulation

HDSL
USE digital subscriber lines

HDTV
USE high definition television

HDTV codecs
USE high definition television
+ video codecs

He (chemical element)
USE helium
DEU He (chemisches Element)

He (chemisches Element)
DEU for He (chemical element)

head phones
USE headphones

head-mounted displays
USE helmet mounted displays

head-up displays
BT display instrumentation
SY *HUD*
PT display instrumentation
RT aircraft displays
helmet mounted displays
DEU Head-Up-Display

Head-Up-Display
DEU for head-up displays

headphones
BT acoustoelectric transducers
SY *head phones*
PT audio equipment
RT earphones
hearing aids
DEU Kopfhörer

health and safety
NT health hazards
occupational health
occupational safety
RT environmental factors
health care
safety
sterilisation (microbiological)
DEU Gesundheits- und Arbeitsschutz

health care
BT medicine
NT assisted living
UF *hospital administration / health care + medical administrative data processing*
UF *medical care / health care + patient care*
PT patient care
RT ambient intelligence
electronic health records
emergency services
geriatrics
health and safety
hospitals
operations research
patient care
serious games (computing)
telemedicine
DEU Gesundheitswesen

health effects of radiation
USE biological effects of radiation

health hazards
BT hazards
health and safety
NT natural radioactivity hazards
UF *health physics / dosimetry + health hazards + radiation monitoring + radiation protection*
PT biological effects of radiation
safety
RT biohazards
biological effects of radiation
contamination
domestic safety
ear protection
eye protection
food safety
hazardous areas
medicine
occupational stress
radioactive pollution
respiratory protection
safety
toxicology
DEU Gesundheitsgefährdung
DSY Gesundheitsgefahr

health physics
USE dosimetry
+ health hazards
+ radiation monitoring
+ radiation protection

hearing
NT auditory evoked potentials
SY *audition*
auditory perception
UF *masking (acoustic) / hearing + speech intelligibility*
SY *perception (hearing)*
RT acoustic noise

acoustic wave propagation
acoustic waves
acoustics
audio acoustics
bioacoustics
biocommunications
biology
biophysics
ear
ear protection
hearing aids
loudness
photoacoustic emissions
physiology
speech
speech intelligibility
speech recognition
DEU Hören (Gehör)

hearing aids
BT sensory aids
NT cochlear implants
RT audio-frequency amplifiers
ear
earphones
headphones
hearing
loudspeakers
sound reproduction
DEU Hörgerät
DSY Hörhilfe

heart
USE cardiology

heart valves
USE cardiology
\+ prosthetics
DEU Herzklappe

heat
NT terrestrial heat
waste heat
RT enthalpy
entropy
heat losses
heat measurement
heat radiation
heat systems
heat transfer
heating
latent heat
specific heat
temperature
thermal properties
thermal variables control
thermal variables measurement
thermodynamic properties
thermodynamics
DEU Hitze
DSY Wärme

heat capacity
USE specific heat

heat conduction
BT heat transfer
NT thermal resistance
SY *conduction, heat*
thermal conduction
RT thermal conductivity
DEU Wärmeleitung

heat convection
USE convection

heat dissipation
USE cooling

heat engines
BT engines
heat systems
NT steam engines
Stirling engines
RT aerospace propulsion
Brayton cycle
Carnot cycle
ocean thermal energy conversion
Otto cycle
thermodynamic cycles
DEU Wärmekraftmaschine

heat exchange
USE heat transfer

heat exchangers
BT heat systems
NT cooling towers
PT heat systems
heat transfer
RT Brayton cycle
chemical technology
cooling
exergy
ground source heat pumps
heat pipes
heat recovery
heat transfer
heating
nuclear power stations
DEU Wärmeaustauscher
DSY Wärmetauscher

heat flow
USE heat transfer

heat insulation
USE thermal insulation

heat islands
USE atmospheric temperature
\+ thermal pollution

heat losses
BT losses
RT cooling
heat
heat transfer
thermal insulation
DEU Wärmeverlust

heat measurement
BT thermal variables measurement
SY *heat meters*
PT thermal variables measurement
RT calorimetry
heat
temperature measurement
DEU Wärmemessung

heat meters
USE heat measurement

heat of adsorption
BT thermochemistry
thermodynamic properties
SY *latent heat of adsorption*
RT adsorption
DEU Adsorptionswärme

heat of combustion
BT heat of reaction
SY *latent heat of combustion*
RT combustion
DEU Verbrennungswärme

heat of crystallisation
BT heat of transformation
SY *heat of crystallization*
latent heat of crystallisation
latent heat of crystallization
RT crystallisation
DEU Kristallisationswärme

heat of crystallization
USE heat of crystallisation

heat of dissociation
BT heat of reaction
SY *latent heat of dissociation*
RT dissociation
DEU Dissoziationswärme

heat of formation
BT heat of reaction
SY *latent heat of formation*
DEU Bildungswärme

heat of fusion
BT heat of transformation
SY *heat of melting*
latent heat of fusion
RT melting point
specific heat
DEU Schmelzwärme

heat of melting
USE heat of fusion

heat of mixing
BT thermochemistry
thermodynamic properties
SY *latent heat of mixing*
mixing, heat of
PT heat of solution
thermodynamic properties
RT heat of solution
mixing
DEU Mischungswärme

heat of reaction
BT thermochemistry
thermodynamic properties
NT heat of combustion
heat of dissociation
heat of formation
SY *latent heat of reaction*
RT chemical reactions
DEU Reaktionswärme

heat of solution
BT thermochemistry
thermodynamic properties
SY *latent heat of solution*
solution energy
RT dissolving
heat of mixing
mixing
solutions
solvation
DEU Lösungswärme

heat of sublimation
BT heat of transformation
SY *latent heat of sublimation*
RT sublimation
DEU Sublimationswärme

heat of transformation
BT thermochemistry
thermodynamic properties
NT heat of crystallisation
heat of fusion
heat of sublimation
heat of vaporisation
SY *latent heat of transformation*
RT crystal structure
latent heat
DEU Umwandlungswärme

heat of vaporisation
BT heat of transformation
SY *heat of vaporization*
latent heat of vaporisation
latent heat of vaporization
RT boiling point
vaporisation
DEU Verdampfungswärme

heat of vaporization
USE heat of vaporisation

heat pipes
BT heat systems
PT cooling
heat exchangers
heat systems
heat transfer
RT cooling
heat exchangers
heat transfer
DEU Wärmerohr

heat pumps
BT heat systems
NT ground source heat pumps
RT air conditioning
cooling
heating
pumps
refrigerants
refrigeration
thermodynamic cycles
DEU Wärmepumpe

heat radiation
BT electromagnetic waves
heat transfer
NT blackbody radiation
emissivity
SY *radiant heat transfer*
thermal radiation
RT heat
heating
infrared sources
DEU Wärmestrahlung

heat recovery
BT energy conservation
SY *industrial heat recovery*
RT boilers
heat exchangers
heat systems
heat transfer
thermal engineering
waste heat
DEU Wärmerückgewinnung

heat sinks
BT heat systems
SY *sinks, heat*
RT cooling
electronics packaging
thermal insulation
thermal management (packaging)
DEU Wärmesenke

heat storage
USE thermal energy storage

heat systems
NT boilers
heat engines
heat exchangers
heat pipes
heat pumps
heat sinks
RT heat
heat recovery
heating
heating elements
manifolds
thermal engineering
DEU Heizsystem
DSY Heizungssystem

heat transfer
NT convection
cooling
heat conduction
heat radiation
SY *heat exchange*
heat flow
Stefan problem
superheating
RT condensation
evaporation
exergy
film condensation
heat
heat exchangers
heat losses
heat pipes
heat recovery
phase change materials

radiative transfer
thermal conductivity
thermal diffusivity
thermal insulation
DEU Wärmeübertragung

heat treatment
NT annealing
austempering
calcination
normalising
quenching (thermal)
rapid thermal processing
spheroidizing
tempering
thermomagnetic treatment
thermomechanical treatment
SY *austenitising*
UF *friction stir processing / heat treatment + surface treatment*
SY *homogenising*
UF *sensitisation (metallurgy) / corrosion + heat treatment*
SY *treatment, heat*
RT ageing
crystal microstructure
curing
firing (materials)
grain refinement
hardening
heating
metallurgy
recrystallisation
stress effects
stress relaxation
thermal stability
DEU Heißbehandlung
DSY Hitzebehandlung
Wärmebehandlung
Warmbehandlung

heat treatment of alloys
DEU Wärmebehandlung von Legierungen

heated cathodes
USE thermionic cathodes

heating
NT electric heating
plasma heating
process heating
solar heating
space heating
RT boiling
cooling
environmental testing
furnaces
heat
heat exchangers
heat pumps
heat radiation
heat systems
heat treatment
high-temperature techniques
ovens
power utilisation
refractories
temperature
thermal energy storage
thermal engineering
DEU Heizung

heating elements
SY *electric heating elements*
RT electric heating
heat systems
DEU Heizelement

heating oil
USE petroleum

heating ventilation and air conditioning
USE HVAC
DEU Heizung, Lüftung, Klimatisierung

heating, buildings
USE space heating

heavily doped semiconductors
BT semiconductor materials
semiconductors
PT semiconductor materials
RT degenerate semiconductors
impurity states
semiconductor doping
superconducting semiconductors
DEU hochdotierter Halbleiter

heavy electron materials
USE heavy fermion superconductors
\+ heavy fermion systems

heavy fermion superconductors
BT heavy fermion systems
superconducting materials
superconductivity
UF *heavy electron materials / heavy fermion superconductors + heavy fermion systems*
PT heavy fermion systems
RT type II superconductors
DEU schwere Fermion-Supraleitung

heavy fermion systems
BT fermion systems
NT heavy fermion superconductors
UF *heavy electron materials / heavy fermion superconductors* + *heavy fermion systems*
RT effective mass
Fermi liquid
DEU Schwer-Fermion-System

heavy ion accelerators
USE ion accelerators

heavy ion emission decay
USE nuclear decay by heavy ion emission

heavy ion excited X-ray emission
USE ion microprobe analysis

heavy ion fusion reactions
BT heavy ion-nucleus reactions
nuclear fusion
PT heavy ion-nucleus reactions
nuclear fusion
DEU Schwerionenfusionsreaktion
DSY Schwerionenverschmelzungsreaktio n

heavy ion reactions
USE heavy ion-nucleus reactions

heavy ion-nucleus reactions
BT nuclear reactions and scattering
NT deep inelastic heavy ion reactions
heavy ion fusion reactions
SY *heavy ion reactions*
UF *ion-ion reactions / atom-ion reactions* + *heavy ion-nucleus reactions* + *ion-molecule reactions*
PT nuclear reactions and scattering due to nuclei of Z greater-than 2
RT fission
nuclear fusion
nuclear phase transformations
nuclear thermodynamics
nucleosynthesis
DEU Schwerionen-Atomkern-Reaktion

heavy ion-nucleus scattering
BT nuclear reactions and scattering
UF *ion-ion collisions / atom-ion collisions* + *heavy ion-nucleus scattering* + *ion-molecule collisions*
PT nuclear reactions and scattering due to nuclei of Z greater-than 2
DEU Schwerionen-Atomkern-Streuung

heavy leptons
BT hypothetical particles
leptons
NT heavy tau leptons
PT hypothetical particles
leptons
DEU Schwer-Lepton

heavy liquid bubble chambers
USE bubble chambers

heavy quark effective theory
BT quark models
PT quark models
DEU Schwer-Quark-Wirkungs-Theorie

heavy tau leptons
BT heavy leptons
PT tau leptons
DEU Schwer-Tau-Lepton

heavy water
BT deuterium compounds
water
RT fission reactor materials
moderators
DEU schweres Wasser

heavy water reactors
BT fission reactors
SY *HWR (nuclear)*
PT fission reactors
RT nuclear power stations
DEU Schwerwasserreaktor

Hebbian learning
BT learning (artificial intelligence)
PT learning systems
neural nets
RT neural nets
DEU Hebbian-Lernen

Hebbian-Lernen
DEU for Hebbian learning

Hebeeinrichtung
DEU for lifting equipment

Heben
DEU for lifting

Hebevorrichtung
DUS für lifting equipment

Hebezeug
DEU for hoists

Hebezeug
DUS für lifting
lifting equipment

HEED
USE high energy electron diffraction

HEED (Hochenergieelektronenbeugung)
DEU for high energy electron diffraction

HEED (Hochenergieelektronendiffraktion)
DUS für high energy electron diffraction

Heften
DEU for stapling

height measurement
BT spatial variables measurement
NT radar altimetry
SY *altimetry*
altitude measurement
RT altimeters
radar
DEU Höhenentfernungsmessung

Heimarbeit
DEU for home working

Heimautomatisierung
DEU for home automation

Heimnetz
DEU for home networks

Heisenberg model
BT magnetism
DEU Heisenberg-Modell

Heisenberg-Modell
DEU for Heisenberg model

Heiß-Elektronen-Transistor
DEU for hot electron transistors

Heißbehandlung
DEU for heat treatment

Heiße-Elektronen-Transistor
DUS für hot electron transistors

Heißelektronen-Transistor
DUS für hot electron transistors

Heißelektronentransistor
DUS für hot electron transistors

heißen Eintauchen
DUS für hot dipping

heißer Ladungsträger
DEU for hot carriers

heißisostatisches Pressen
DUS für pressing

Heißleiter
DEU for thermistors

Heißpressen
DEU for hot pressing

Heißtauchen
DUS für hot dipping

Heißtauchverfahren
DUS für hot dipping

Heizelement
DEU for heating elements

Heizsystem
DEU for heat systems

Heizung
DEU for heating

Heizung, Lüftung und Klimatisierung
DEU for HVAC

Heizung, Lüftung, Klimatisierung
DEU for heating ventilation and air conditioning

Heizungssystem
DUS für heat systems

helical antennas
BT antennas
DEU Wendelantenne

helical dislocations
USE screw dislocations

helical gears
USE gears

helical waveguides
BT waveguides
RT circular waveguides
DEU Wendelleiter

helicity (elementary particles)
BT elementary particle theory
PT elementary particle theory
RT elementary particle symmetry
DEU Helizität (Elementarteilchen)
DSY Spiralförmigkeit (Elementarteilchen)
Verwindung (Elementarteilchen)

helicons
BT energy states
PT crystal electron states
RT high-frequency effects
quasiparticles
solid-state plasma
DEU Helikon

helicopter antennas
USE aircraft antennas
\+ helicopters

helicopter communication
USE aircraft communication
\+ helicopters

helicopter control
USE aircraft control
\+ helicopters

helicopter electronics
USE avionics
\+ helicopters

helicopter testing
USE aircraft testing
\+ helicopters

helicopters
BT aircraft
UF *helicopter antennas / aircraft antennas + helicopters*
UF *helicopter communication / aircraft communication + helicopters*
UF *helicopter control / aircraft control + helicopters*
UF *helicopter electronics / avionics + helicopters*
UF *helicopter testing / aircraft testing + helicopters*
SY *rotorcraft*
PT aircraft
RT aerospace
aerospace control
aerospace instrumentation
air traffic
air traffic control
aircraft communication
military aircraft
military equipment
rotors (mechanical)
transportation
DEU Helikopter
DSY Hubschrauber

Helikon
DEU for helicons

Helikopter
DEU for helicopters

heliopause
USE interstellar matter
\+ solar wind

helioseismology
USE solar pulsations

heliosphere
USE solar wind

heliostats
USE solar energy concentrators

heliotrons
USE stellarators

heliports
USE airports (structures)

helium
BT inert gases
non-metals
NT helium films
helium ions
helium neutral atoms
helium neutral molecules
liquid helium
solid helium
SY *He (chemical element)*
RT helium compounds
DEU Helium (Edelgas)

Helium (Edelgas)
DEU for helium

helium 3-nucleus reactions
BT nuclear reactions and scattering
SY *helium-3 interactions*
helium-3 reactions
PT helium-3 interactions
nuclear reactions and scattering due to helium-3
DEU Helium-3-Atomkern-Reaktion

helium 3-nucleus scattering
BT nuclear reactions and scattering
SY *helium-3 scattering*
PT helium-3 scattering
nuclear reactions and scattering due to helium-3
DEU Helium-3-Atomkern-Streuung

helium cataclysmic binary stars
USE cataclysmic binary stars
+ white dwarfs

helium compounds
BT inert gas compounds
RT helium
DEU Heliumverbindung

helium films
BT films
helium
PT liquid films
liquid helium
solid helium
RT liquid helium
DEU Heliumfilm
DSY Heliumschicht

helium gas
DEU Heliumgas

helium I
USE liquid helium-4

helium II
USE superfluid helium-4

helium ions
BT helium
ions
RT alpha-particles
DEU Heliumion

helium neutral atoms
BT atoms
helium
PT helium atoms
DEU neutrales Heliumatom

helium neutral molecules
BT helium
molecules
DEU neutrales Heliummolekül

helium nuclei
USE nuclei with mass number 1 to 5
+ nuclei with mass number 6 to 19

helium strong stars
USE chemically peculiar stars
+ magnetic stars

helium variable stars
USE chemically peculiar stars
+ magnetic stars

helium weak stars
USE chemically peculiar stars
+ magnetic stars

helium, liquid
USE liquid helium

helium, solid
USE solid helium

helium-3 counters
BT proportional counters
PT proportional counters
RT ionisation chambers
neutron detection
DEU Helium-3-Zähler

helium-3 interactions
USE helium 3-nucleus reactions

helium-3 nucleus
USE nuclei with mass number 1 to 5

helium-3 reactions
USE helium 3-nucleus reactions

helium-3 scattering
USE helium 3-nucleus scattering

helium-3 stars
USE chemically peculiar stars

Helium-3-Atomkern-Reaktion
DEU for helium 3-nucleus reactions

Helium-3-Atomkern-Streuung
DEU for helium 3-nucleus scattering

Helium-3-Zähler
DEU for helium-3 counters

helium-4 nucleus
USE nuclei with mass number 1 to 5

Heliumfilm
DEU for helium films

Heliumgas
DEU for helium gas

Heliumion
DEU for helium ions

Heliumschicht
DUS für helium films

Heliumverbindung
DEU for helium compounds

Helizität (Elementarteilchen)
DEU for helicity (elementary particles)

Helligkeit
DEU for brightness

Hellman-Feynman theorem
USE quantum theory

helm-montierte Anzeige
DEU for helmet mounted displays

helm-montiertes Display
DUS für helmet mounted displays

helmet mounted displays
BT display instrumentation
SY *head-mounted displays*
HMD
PT display instrumentation
RT aircraft displays
computer displays
head-up displays
virtual reality
DEU helm-montierte Anzeige
DSY helm-montiertes Display

Helmholtz equations
BT wave equations
PT wave equations
RT boundary-value problems
eigenvalues and eigenfunctions
wave propagation
DEU Helmholtz-Gleichung

Helmholtz free energy
USE free energy

Helmholtz-Gleichung
DEU for Helmholtz equations

help desks
USE technical support services

help services
USE technical support services

help systems
BT utility programs
PT utility programs
RT operating systems (computers)
system documentation
user interfaces
user manuals
DEU Hilfesystem
DSY Hilfssystem

hematology
USE blood

hemodynamics
USE haemodynamics

hemoglobin
USE proteins

hemorheology
USE haemorheology

HEMT
USE high electron mobility transistors

HEMT (High Electron Mobility Transistor)
DEU for high electron mobility transistors

HEMT circuits
BT field effect transistor circuits
NT HEMT integrated circuits
SY *MODFET circuits*
PT field effect transistor circuits
RT high electron mobility transistors
DEU HEMT-Schaltkreis
DSY HEMT-Schaltung
Hochelektronenmobilitätstransistor
Transistor mit hoher Elektronenmobilität

HEMT integrated circuits
BT field effect integrated circuits
HEMT circuits
SY *MODFET integrated circuits*
PT field effect integrated circuits
RT field effect MIMIC
field effect MMIC
DEU integrierte HEMT-Schaltung
DSY integrierter HEMT-Schaltkreis

HEMT switches
USE field effect transistor switches

HEMT-Schaltkreis
DEU for HEMT circuits

HEMT-Schaltung
DUS für HEMT circuits

Henkel
DUS für handles

Henon mapping
BT Poincare mapping
PT transforms
RT chaos
DEU Henon-Überlagerung

Henon-Überlagerung
DEU for Henon mapping

herbicides
USE agrochemicals
\+ chemical products

Herbig Ae/Be stars
USE pre-main-sequence stars

Herbig-Haro objects
USE nebulae
\+ pre-main-sequence stars

hereditary systems
USE distributed parameter systems

hermetic motors
USE induction motors

hermetic seals
BT seals (stoppers)
PT seals (stoppers)
RT glass-metal seals
DEU hermetische Dichtung

hermetische Dichtung
DEU for hermetic seals

Hermitian matrices
BT matrix algebra
PT matrix algebra
DEU Hermitian-Matrix

Hermitian-Matrix
DEU for Hermitian matrices

Herstellung
DUS für manufacture

Herstellung elektronischer Geräte
DUS für electron device manufacture

Herstellung gedruckter Leiterplatten
DUS für printed circuit manufacture

Herstellung integrierter Schaltungen
DUS für integrated circuit manufacture

Herstellung von Elektronenröhren
DUS für electron tube manufacture

Herstellungsprozess
DUS für manufacturing processes

Hertzsprung-Russell diagram
USE stellar evolution

Herzklappe
DEU for heart valves

Herzkranzgefäßkardiografie
DUS für angiocardiography

Herzkranzgefäßkardiographie
DUS für angiocardiography

Herzschrittmacher
DEU for pacemakers

Hessian matrices
BT matrix algebra
PT matrix algebra
DEU Hessian-Matrix

Hessian-Matrix
DEU for Hessian matrices

HET
USE hot electron transistors

Heterodyn-Detektion
DEU for heterodyne detection

heterodyne detection
BT signal detection
PT demodulation
demodulation
RT demodulation
optical communication
optical modulation
DEU Heterodyn-Detektion
DSY Überlagerungs-Detektion
Überlagerungsdetektion

heterogeneous databases
USE distributed databases

heterojunction bipolar transistors
BT bipolar transistors
SY *HBT*
HJBT
PT bipolar transistors
RT bipolar integrated circuits
microwave bipolar transistors
millimetre wave bipolar transistors
power bipolar transistors
resonant tunnelling transistors
semiconductor heterojunctions
semiconductor superlattices
UHF bipolar transistors
DEU Heteroübergangsbipolartransistor

heterostructure field effect transistors
USE high electron mobility transistors

heterotic strings
USE superstrings

Heteroübergang
DEU for semiconductor heterojunctions

Heteroübergangsbipolartransistor
DEU for heterojunction bipolar transistors

heuristic programming
BT artificial intelligence
SY *hypothesis formation*
UF *learning by experimentation / heuristic programming + unsupervised learning*
RT automata theory
cybernetics
operations research
probability
DEU heuristische Programmierung

heuristische Programmierung
DEU for heuristic programming

Hewlett Packard computers
BT digital computers
SY *HP computers*
PT microcomputers
RT microcomputers
DEU Hewlett-Packard-Computer
DSY HP-Computer

Hewlett Packard Interface Bus
USE peripheral interfaces

Hewlett-Packard-Computer
DEU for Hewlett Packard computers

HEXFET
USE insulated gate field effect transistors

Hf (chemical element)
USE hafnium
DEU Hf (chemisches Element)

Hf (chemisches Element)
DEU for Hf (chemical element)

HF amplifiers
BT amplifiers
SY *high-frequency amplifiers*
PT high-frequency amplifiers
RT radiofrequency amplifiers
VHF amplifiers
DEU HF-Verstärker
DSY Hochfrequenzverstärker

HF antennas
BT antennas
RT HF radio propagation
VHF antennas
DEU HF-Antenne
DSY Hochfrequenzantenne

HF calculations
NT Dirac-Fock calculations
SY *GHF calculations*
Hartree-Fock calculations
Hartree-Fock method
MRUHF-NO calculations
SPHF calculations
UHF calculations
UHFAA calculations
PT Hartree-Fock method
RT atomic structure
electron gas
many-body problems
nuclear structure theory
SCF calculations
Xalpha calculations
DEU HF-Berechnung
DSY HF-Kalkulation
Hochfrequenzberechnung
Hochfrequenzkalkulation

HF propagation
USE HF radio propagation

HF radio propagation
BT radiowave propagation
SY *HF propagation*
high-frequency radio propagation

PT radiowave propagation
RT HF antennas
VHF radio propagation
DEU HF-Funkausbreitung
DSY HF-Funkwellenausbreitung
HF-Radioausbreitung
HF-Radiowellenausbreitung
HF-Wellenausbreitung
Hochfrequenzfunkwellenausbreitung
Hochfrequenzradioausbreitung
Hochfrequenzwellenausbreitung

HF transformers
USE high-frequency transformers

HF transmission lines
USE high-frequency transmission lines

HF-Antenne
DEU for HF antennas

HF-Berechnung
DEU for HF calculations

HF-Funkausbreitung
DEU for HF radio propagation

HF-Funkwellenausbreitung
DUS für HF radio propagation

HF-Kalkulation
DUS für HF calculations

HF-Radioausbreitung
DUS für HF radio propagation

HF-Radiowellenausbreitung
DUS für HF radio propagation

HF-Verstärker
DEU for HF amplifiers

HF-Wellenausbreitung
DUS für HF radio propagation

HFC networks
USE hybrid fibre coax networks

HFET
USE high electron mobility transistors

Hg (chemical element)
USE mercury (metal)
DEU Hg (chemisches Element)

Hg (chemisches Element)
DEU for Hg (chemical element)

Hg-Mn stars
USE chemically peculiar stars

HGMS
USE magnetic separation

Hi-Fi equipment
BT audio equipment
NT digital audio tape
SY *compact disc players*
high fidelity equipment
stereo equipment
PT audio equipment
RT audio discs
audio tape recorders
audio-frequency amplifiers
loudspeakers
pick-ups
DEU HiFi (naturgetreue Wiedergabe)
DSY HiFi-Ausstattung

Hi-Vision
USE high definition television

HID lamps
USE discharge lamps

hidden feature removal
BT computer graphics
SY *hidden line removal*
hidden surface removal
PT computer graphics
DEU Entfernen versteckter Effekte
DSY Entfernung versteckter Merkmale

hidden line removal
USE hidden feature removal

hidden Markov models
BT Markov processes
SY *HMM*
PT Markov processes
RT particle filtering (numerical methods)
probabilistic automata
speech recognition
DEU verstecktes Markov-Modell

hidden surface removal
USE hidden feature removal

HIDP
USE phosphorescence

hierarchical databases
USE database management systems

hierarchical systems
BT control systems
RT interconnected systems
multivariable control systems
multivariable systems
DEU hierarchisches System

hierarchisches System
DEU for hierarchical systems

HiFi (naturgetreue Wiedergabe)
DEU for Hi-Fi equipment

HiFi-Ausstattung
DUS für Hi-Fi equipment

Higgs bosons
BT intermediate bosons
PT intermediate bosons
RT intermediate boson decay
intermediate boson interactions
intermediate boson production
DEU Higgs-Boson

Higgs model
BT gauge field theory
PT gauge field theory
RT unified field theories
DEU Higgs-Modell

Higgs-Boson
DEU for Higgs bosons

Higgs-Modell
DEU for Higgs model

Higgsinos
USE sparticles

high altitude stratospheric platforms
BT radiocommunication
SY *stratospheric platforms*
RT 3G mobile communication
aircraft
balloons
broadband networks
cellular radio
radio access networks
remotely operated vehicles
DEU hohe Stratosphärenplattform

high bit rate digital subscriber lines
USE digital subscriber lines

high coercivity materials
USE permanent magnets

high definition television
BT television
SY *EDTV*
extended definition television
UF *HD-MAC / high definition television + television standards*
SY *HDTV*
UF *HDTV codecs / high definition television + video codecs*
SY *Hi-Vision*
PT television broadcasting
television systems
RT digital television
digital video broadcasting
high definition video
television broadcasting
television equipment
video codecs
video coding
DEU hochauflösendes Fernsehen

high definition video
PT high definition television
RT data compression
high definition television
television broadcasting
video coding
video recording
video signals
DEU hochauflösendes Video

high electron mobility transistors
BT field effect transistors
NT power HEMT
SY *HEMT*
heterostructure field effect transistors
HFET
MODFET
modulation doped field effect transistors
SDHT
selectively doped heterojunction field effect transistors
TEGFET
two dimensional electron gas field effect transistors
PT field effect transistors
RT HEMT circuits
hot electron transistors
microwave field effect transistors
millimetre wave field effect transistors
quantum interference devices
semiconductor superlattices

UHF field effect transistors
DEU HEMT (High Electron Mobility Transistor)

high energy electron diffraction
BT electron diffraction
NT reflection high energy electron diffraction
SY *HEED*
PT electron diffraction crystallography
DEU HEED (Hochenergieelektronenbeugung)
DSY HEED (Hochenergieelektronendiffraktion)
Hochenergieelektronenbeugung
Hochenergieelektronenbeugung (HEED)
Hochenergieelektronendiffraktion
Hochenergieelektronendiffraktion (HEED)

high energy physics electronics
USE nuclear electronics

high energy physics instrumentation computing
BT computerised instrumentation
physics computing
PT computerised instrumentation
physics computing
RT data acquisition
nuclear electronics
physical instrumentation control
real-time systems
DEU Computeranwendung in der Hochenergiephysik

high fidelity amplifiers
USE audio-frequency amplifiers

high fidelity equipment
USE Hi-Fi equipment

high field effects
BT electric field effects
transport processes
NT Gunn effect
hot carriers
impact ionisation
limited space charge accumulation
Poole-Frenkel effect
Schottky effect
Zener effect
PT transport processes
RT ballistic transport
electrical conductivity
DEU Hochfeldeffekt

high gravity effects
RT aerospace biophysics
biological effects of gravity
crystal growth from melt
segregation
solidification
zero gravity experiments
DEU Hochgravitiewirkung
DSY Hochschwerewirkung
Wirkung hoher Gravitie
Wirkung hoher Schwere

high intensity discharge lamps
USE discharge lamps

High Level Architecture (simulation)
USE digital simulation

high level languages
BT programming languages
NT Ada
ALGOL
APL
authoring languages
BASIC
C language
COBOL
FORTH
FORTRAN
functional languages
job control languages
knowledge representation languages
logic programming languages
LOGO
Modula
MUMPS
object-oriented languages
parallel languages
Pascal
PL/1
simulation languages
virtual reality languages
visual languages
SY *command languages*
UF *fourth-generation languages / application generators + database management systems + high level languages + programming environments + query languages + report generators + simulation languages + specification languages*
SY *problem oriented languages*
procedure oriented languages
PT problem oriented languages
procedure oriented languages
RT conformance testing

page description languages
specification languages
DEU Hochsprachen (Programmierung)

high level synthesis
BT logic CAD
NT hardware-software codesign
PT logic CAD
RT application specific integrated circuits
circuit CAD
circuit layout CAD
logic partitioning
DEU Hochleistungssynthese

high performance computing
USE parallel processing

High Performance FORTRAN
USE FORTRAN
\+ parallel languages

High Performance Parallel Interface
USE local area networks
\+ network interfaces
\+ protocols

high speed steel
USE tool steel

high spin states
BT nuclear collective states
PT nuclear collective states and giant resonances
RT giant resonances
nuclear rotational states
nuclear vibrational states
yrast states
DEU Hochspinzustand

high-energy cosmic ray interactions
BT cosmic ray interactions
elementary particle interactions
PT cosmic rays
DEU Wechselwirkung hochenergetischer kosmischer Strahlung

high-energy elementary particle interactions
BT elementary particle interactions
RT elementary particle inclusive interactions
DEU Wechselwirkung hochenergetischer Elementarpartikel
DSY Wechselwirkung hochenergetischer Elementarteilchen

high-energy nuclear reactions and scattering
USE nuclear reactions and scattering

high-frequency amplifiers
USE HF amplifiers

high-frequency discharges
BT discharges (electric)
SY *microwave discharges*
radiofrequency discharges
RF discharges
DEU Hochfrequenzentladung

high-frequency effects
NT hot carriers
skin effect
SY *high-frequency electronic transport*
microwave conductivity
submillimetre conductivity
PT transport processes
RT helicons
solid-state plasma
surface impedance
surface resistance
DEU Hochfrequenzeffekt
DSY Hochfrequenzwirkung

high-frequency electronic transport
USE high-frequency effects

high-frequency heating
USE radiofrequency heating

high-frequency radio propagation
USE HF radio propagation

high-frequency transformers
BT transformers
SY *HF transformers*
DEU Hochfrequenztransformator

high-frequency transmission line measurement
BT electric variables measurement
PT high-frequency transmission line measurements
RT high-frequency transmission lines
standing wave meters
time-domain reflectometry
wavemeters
DEU Hochfrequenzübertragungsmessung

high-frequency transmission lines
BT transmission lines
SY *HF transmission lines*
RT high-frequency transmission line

measurement
DEU Hochfrequenzübertragungsleitung

high-k dielectric thin films
BT dielectric thin films
PT dielectric thin films
RT insulating thin films
integrated circuit technology
negative bias temperature instability
permittivity
semiconductor-insulator boundaries
DEU High-k-Dielektrikum

High-k-Dielektrikum
DEU for high-k dielectric thin films

high-pass filters
BT filters
PT filters
DEU Hochpass

high-pressure effects
NT high-pressure solid-state phase transformations
PT high-pressure effects in solids
high-pressure phenomena and effects
RT biological effects of pressure
compressibility
high-pressure techniques
piezo-optical effects
stress effects
DEU Hochdruckeffekt
DSY Hochdruckwirkung

high-pressure phase transformations
DEU Hochdruck-Phasentransformation
DSY Hochdruck-Phasenumwandlung
Hochdruckphasentransformation
Hochdruckphasenumwandlung

high-pressure solid-state phase transformations
BT high-pressure effects
solid-state phase transformations
PT high-pressure phase transformations
solid-state phase transformations
DEU Hochdruckfestkörperphasentransfor mation
DSY Hochdruckfestkörperphasenumwan dlung

high-pressure techniques
RT high-pressure effects
leak detection
pressure vessels
DEU Hochdrucktechnik

high-purity Ge detectors
USE germanium radiation detectors

High-Speed Downlink Packet Access
USE 3G mobile communication
\+ access protocols

high-speed integrated circuits
BT integrated circuits
NT very high speed integrated circuits
RT application specific integrated circuits
CMOS integrated circuits
high-speed techniques
integrated optoelectronics
VLSI
DEU integrierte Hochgeschwindigkeitsschaltung
DSY integrierter Hochgeschwindigkeitsschaltkreis

high-speed measurement
USE high-speed techniques

high-speed optical techniques
BT high-speed techniques
NT optical pulse generation
SY *ultrafast optical techniques*
ultrashort light pulse techniques
RT adaptive optics
chirp modulation
laboratory techniques
lasers
optical pulse compression
optical pulse shaping
quantum beat spectra
self-phase modulation
streak photography
supercontinuum generation
time resolved spectroscopy
timing jitter
DEU optisches Hochgeschwindigkeitstechnik

high-speed techniques
NT high-speed optical techniques
streak photography
SY *high-speed measurement*
RT high-speed integrated circuits
laboratory techniques
time resolved spectroscopy
DEU Hochgeschwindigkeitstechnik

DSY Hochgeschwindigkeitstechnologie

high-temperature effects
PT high-temperature phenomena and effects
RT high-temperature techniques
refractories
DEU Hochtemperatureffekt
DSY Hochtemperaturwirkung

high-temperature electronics
BT electronic engineering
high-temperature techniques
PT high-temperature techniques
RT integrated circuits
semiconductor devices
DEU Hochtemperaturelektronik

high-temperature superconductors
BT superconducting materials
superconductivity
SY *ceramic superconductors*
cuprate superconductors
PT type II superconductors
RT Bean model
ceramics
d-wave superconductivity
granular superconductors
Luttinger liquid
melt texturing
optical conductivity
persistent currents
pnictide superconductors
strongly correlated electron systems
superconducting transition temperature
surface impedance
surface resistance
t-J model
type II superconductors
DEU Hochtemperaturhalbleiter

high-temperature techniques
NT high-temperature electronics
RT furnaces
heating
high-temperature effects
pyrometers
refractories
DEU Hochtemperaturtechnik
DSY Hochtemperaturtechnologie
Hochtemperaturverfahren

high-voltage engineering
BT electrical engineering
NT high-voltage techniques
HVDC power transmission
SY *HV engineering*
RT power engineering
DEU Hochspannungstechnik

high-voltage integrated circuits
USE power integrated circuits

high-voltage techniques
BT high-voltage engineering
RT pulsed power supplies
pulsed power technology
DEU Hochspannungstechnologie
DSY Hochspannungsverfahren

higher dimensional cosmology
BT cosmology
SY *multiverse*
PT cosmology
RT brane world
Kaluza-Klein theory
space-time configurations
DEU höher-dimensionale Kosmologie

higher education
USE further education

higher order statistics
BT statistical analysis
SY *cumulants*
PT statistical analysis
RT blind source separation
filtering theory
parameter estimation
signal processing
source separation
spectral analysis
DEU Statistik höherer Ordnung

highways
USE roads

Hilbert spaces
BT algebra
RT differential equations
functional analysis
group theory
Hilbert transforms
optimal control
optimisation
quantum theory
set theory
topology
DEU Hilbert-Raum

Hilbert transforms
BT transforms
UF *discrete Hilbert transforms / discrete transforms + Hilbert transforms*

PT transforms
RT Hilbert spaces
inverse transforms
DEU Hilbert-Transformation

Hilbert-Raum
DEU for Hilbert spaces

Hilbert-Transformation
DEU for Hilbert transforms

Hilfesystem
DEU for help systems

Hilfsprogramm (DV)
DUS für utility programs

Hilfsroboter
DEU for rescue robots

Hilfssystem
DUS für help systems

Hilfsvektormaschine
DEU for support vector machines

Himmelsleuchten
DEU for airglow

Himmelsmechanik
DEU for celestial mechanics

hinges
BT mechanical products
PT fasteners
RT deployable structures
doors
DEU Scharnier
DSY Türangel

Hintergrundstahlenspektrum
DEU for beam-foil spectra

Hintergrundstrahlen-Spektroskopie
DEU for beam-foil spectroscopy

Hintergrundstrahlenspektroskopie
DUS für beam-foil spectroscopy

Hintergrundstrahlungs-Spektroskopie
DUS für beam-foil spectroscopy

Hintergrundstrahlungsspektroskopie
DUS für beam-foil spectroscopy

Hintergrundstrahlungsspektrum
DUS für beam-foil spectra

Hinweissystem
DUS für pointing systems

hip joint replacements
USE prosthetics

HIPPI
USE local area networks
\+ network interfaces
\+ protocols

Hirn
DUS für brain

Hirn-Computer-Interface
DUS für brain-computer interfaces

Hirnmodell
DUS für brain models

Histologie
DEU for histology

histology
USE biological tissues
DEU Histologie

historical reviews
USE history

history
BT humanities
SY *cultural heritage*
historical reviews
RT biographies
museums
DEU Geschichte

Hitze
DEU for heat

Hitzeabfuhr
DEU for cooling

Hitzebehandlung
DUS für heat treatment

HIXE
USE ion microprobe analysis
\+ X-ray chemical analysis

HJBT
USE heterojunction bipolar transistors

HLA (simulation)
USE digital simulation

HMD
USE helmet mounted displays

HMEAS
USE energy level crossing
\+ spectroscopy

HMM
USE hidden Markov models

HMO calculations
BT orbital calculations
SY *Huckel molecular orbital calculations*
PT molecular orbitals calculations
orbital calculation methods
RT EHT calculations
DEU HMO-Berechnung
DSY HMO-Kalkulation

HMO-Berechnung
DEU for HMO calculations

HMO-Kalkulation
DUS für HMO calculations

HMOS integrated circuits
USE MOS integrated circuits

Ho (chemical element)
USE holmium
DEU Ho (chemisches Element)

Ho (chemisches Element)
DEU for Ho (chemical element)

hobbing
USE machining

hobby computing
BT personal computing
UF *bulletin boards / electronic mail* + *hobby computing* + *information services*
SY *hacking (hobby computing)*
PT personal computing
RT computer games
home computing
public domain software
DEU Computeranwendung für das Hobby
DSY Hobby-Computeranwendung
Hobby-Rechneranwendung
Rechneranwendung für das Hobby

Hobby-Computeranwendung
DUS für hobby computing

Hobby-Rechneranwendung
DUS für hobby computing

Hobelmaschine
DEU for planing machines

Hobeln
DEU for planing

hochauflösendes Fernsehen
DEU for high definition television

hochauflösendes Video
DEU for high definition video

hochdotierter Halbleiter
DEU for heavily doped semiconductors

Hochdruck (Mechanik)
DUS für pressure

Hochdruck-Phasentransformation
DEU for high-pressure phase transformations

Hochdruck-Phasenumwandlung
DUS für high-pressure phase transformations

Hochdruckeffekt
DEU for high-pressure effects

Hochdruckfestkörperphasentransformation
DEU for high-pressure solid-state phase transformations

Hochdruckfestkörperphasenumwandlung
DUS für high-pressure solid-state phase transformations

Hochdruckphasentransformation
DUS für high-pressure phase transformations

Hochdruckphasenumwandlung
DUS für high-pressure phase transformations

Hochdruckpresse
DUS für presses

Hochdrucktechnik
DEU for high-pressure techniques

Hochdruckwirkung
DUS für high-pressure effects

Hochelektronenmobilitätstransistor
DUS für HEMT circuits

Hochenergieelektronenbeugung
DUS für high energy electron diffraction

Hochenergieelektronenbeugung (HEED)
DUS für high energy electron diffraction

Hochenergieelektronendiffraktion
DUS für high energy electron diffraction

Hochenergieelektronendiffraktion (HEED)
DUS für high energy electron diffraction

Hochfeldeffekt
DEU for high field effects

Hochfrequenz-Spektrometer
DEU for radiofrequency spectrometers

Hochfrequenz-Spektroskopie
DEU for radiofrequency spectroscopy

Hochfrequenzantenne
DUS für HF antennas

Hochfrequenzberechnung
DUS für HF calculations

Hochfrequenzeffekt
DEU for high-frequency effects

Hochfrequenzentladung
DEU for high-frequency discharges

Hochfrequenzerwärmung
DEU for radiofrequency heating

Hochfrequenzfunkwellenausbreitung
DUS für HF radio propagation

Hochfrequenzinterferenz
DEU for radiofrequency interference

Hochfrequenzkalkulation
DUS für HF calculations

Hochfrequenzoszillator
DEU for radiofrequency oscillators

Hochfrequenzradioausbreitung
DUS für HF radio propagation

Hochfrequenzspektrometer
DUS für radiofrequency spectrometers

Hochfrequenzspektroskopie
DUS für radiofrequency spectroscopy

Hochfrequenzspektrum
DEU for radiofrequency spectra

Hochfrequenzstromübertragung
DUS für radiofrequency power transmission

Hochfrequenztransformator
DEU for high-frequency transformers

Hochfrequenzübertragungsleitung
DEU for high-frequency transmission lines

Hochfrequenzübertragungsmessung
DEU for high-frequency transmission line measurement

Hochfrequenzverstärker
DUS für HF amplifiers
radio repeaters

Hochfrequenzwellenausbreitung
DUS für HF radio propagation

Hochfrequenzwellenkommunikation
DUS für radiocommunication

Hochfrequenzwirkung
DUS für high-frequency effects

Hochgeschwindigkeitspresse
DUS für presses

Hochgeschwindigkeitstechnik
DEU for high-speed techniques

Hochgeschwindigkeitstechnologie
DUS für high-speed techniques

Hochgravitiewirkung
DEU for high gravity effects

Hochleistungssynthese
DEU for high level synthesis

Hochofen
DEU for blast furnaces

Hochpass
DEU for high-pass filters

Hochschulbibliothek
DUS für academic libraries

Hochschwerewirkung
DUS für high gravity effects

Hochspannungsgleichstromkonverter
DEU for HVDC power convertors

Hochspannungsgleichstromübertragung
DEU for HVDC power transmission

Hochspannungsgleichstromwandler
DUS für HVDC power convertors

Hochspannungstechnik
DEU for high-voltage engineering

Hochspannungstechnologie
DEU for high-voltage techniques

Hochspannungsverfahren
DUS für high-voltage techniques

Hochspinzustand
DEU for high spin states

Hochsprachen (Programmierung)
DEU for high level languages

Hochtemperaturbrennstoffzelle
DUS für solid oxide fuel cells

Hochtemperatureffekt
DEU for high-temperature effects

Hochtemperaturelektronik
DEU for high-temperature electronics

Hochtemperaturhalbleiter
DEU for high-temperature superconductors

Hochtemperaturtechnik
DEU for high-temperature techniques

Hochtemperaturtechnologie
DUS für high-temperature techniques

Hochtemperaturverfahren
DUS für high-temperature techniques

Hochtemperaturwirkung
DUS für high-temperature effects

Hochvoltgleichstromkonverter
DUS für HVDC power convertors

Hochvoltgleichstromübertragung
DUS für HVDC power transmission

Hochvoltgleichstromwandler
DUS für HVDC power convertors

hodoscopes
USE cosmic ray apparatus
\+ particle detectors

HOE
USE holographic optical elements

Höhenentfernungsmessung
DEU for height measurement

Höhenleuchten
DEU for sky brightness

Höhenmesser
DEU for altimeters

Höhenmessung
DEU for attitude measurement

Höhensteuerung
DEU for attitude control

höher-dimensionale Kosmologie
DEU for higher dimensional cosmology

höherdimensionale Welt
DEU for brane world

Hören (Gehör)
DEU for hearing

Hörfunk
DUS für radio applications

Hörgerät
DEU for hearing aids

Hörhilfe
DUS für hearing aids

Hörspieldatenbank
DUS für audio databases

hohe Stratosphärenplattform
DEU for high altitude stratospheric platforms

Hohlfaser
DEU for holey fibres

Hohlprägen
DEU for embossing

Hohlraumresonator
DEU for cavity resonators

Hohlresonatorfilter
DEU for cavity resonator filters

hoists
BT lifting equipment
RT cranes
DEU Hebezeug
DSY Lastenaufzug
Winde

hole burning (optical)
USE optical hole burning

hole capture
USE hole traps

hole density
BT carrier density
PT carrier density
RT current density
electron density
two-dimensional hole gas
DEU Fehlstellendichte
DSY Lochdichte
Löcherdichte

hole gas
USE electron gas

hole mobility
BT carrier mobility
PT carrier mobility
RT electron mobility
DEU Fehlstellenbeweglichkeit
DSY Fehlstellenmobilität
Loch-Mobilität
Lochmobilität
Löcherbeweglichkeit

hole theory of liquids
USE liquid theory

hole traps
BT localised states
UF *carrier traps / electron traps + hole traps*
SY *hole capture*
traps, hole
RT electron traps
impurity states
negative bias temperature instability
DEU Fehlstellenfalle
DSY Lochhaftstelle

holey fibers
USE holey fibres

holey fibres
BT optical fibres
SY *holey fibers*
microstructured optical fibers
microstructured optical fibres
UF *photonic crystal fibers / holey fibres + photonic crystals*
UF *photonic crystal fibres / holey fibres + photonic crystals*
PT optical fibres
photonic crystals
RT photonic band gap
photonic crystals
supercontinuum generation
DEU Hohlfaser

holiday industry
USE leisure industry

hollow cathode discharges
USE glow discharges

hollow cathode thrusters
USE ion engines

hollow cathodes
USE cathodes

Holm-Meissner effect
USE proximity effect (superconductivity)

holmium
BT rare earth metals
SY *Ho (chemical element)*
RT holmium alloys
holmium compounds
DEU Holmium

holmium alloys
BT rare earth alloys
PT rare earth alloys
RT holmium

holmium compounds
DEU Holmiumlegierung

holmium compounds
BT rare earth compounds
RT holmium
holmium alloys
DEU Holmiumverbindung

Holmiumlegierung
DEU for holmium alloys

Holmiumverbindung
DEU for holmium compounds

Holmium
DEU for holmium

Holografie
DEU for holography

holografische Anzeige
DEU for holographic displays

holografische Datenspeicherung
DEU for holographic storage

holografische Interferometrie
DEU for holographic interferometry

holografischer Bildschirm
DUS für holographic displays

holografischer Datenspeicher
DUS für holographic storage

holografisches Beugungsgitter
DEU for holographic gratings

holografisches Display
DUS für holographic displays

holografisches Instrument
DEU for holographic instruments

holografisches optisches Bauelement
DEU for holographic optical elements

holografisches optisches Element
DUS für holographic optical elements

holografisches Prinzip
DEU for holographic principle

holograms
USE holography

holographic displays
BT display devices
holography
PT display devices
holography
RT computer-generated holography
holographic optical elements
liquid crystal displays
three-dimensional displays
DEU holografische Anzeige
DSY holografischer Bildschirm
holografisches Display
holographische Anzeige
holographischer Bildschirm
holographisches Display

holographic gratings
BT diffraction gratings
holographic optical elements
PT diffraction gratings
RT Bragg gratings
diffractive optical elements
holography
DEU holografisches Beugungsgitter
DSY holographisches Beugungsgitter

holographic instruments
DEU holografisches Instrument
DSY holographisches Instrument

holographic interferometry
BT holography
interferometry
PT light interferometry
RT electronic speckle pattern
interferometry
light interferometry
speckle
DEU holografische Interferometrie
DSY holographische Interferometrie

holographic lenses
USE holographic optical elements
\+ lenses

holographic optical elements
BT optical elements
NT holographic gratings
SY *HOE*
UF *holographic lenses / holographic optical elements + lenses*
PT holographic gratings
RT diffractive optical elements
holographic displays
holography
optical interconnections
DEU holografisches optisches
Bauelement

DSY holografisches optisches Element
holographisches optisches Bauelement
holographisches optisches Element

holographic principle
RT cosmology
quantum gravity
string theory
DEU holografisches Prinzip
DSY holographisches Prinzip

holographic recording
USE holography

holographic storage
BT optical storage
PT holography
optical stores
RT holography
DEU holografische Datenspeicherung
DSY holografischer Datenspeicher
holographische Datenspeicherung
holographischer Datenspeicher

Holographie
DUS für holography

holographische Anzeige
DUS für holographic displays

holographische Datenspeicherung
DUS für holographic storage

holographische Interferometrie
DUS für holographic interferometry

holographischer Bildschirm
DUS für holographic displays

holographischer Datenspeicher
DUS für holographic storage

holographisches Beugungsgitter
DUS für holographic gratings

holographisches Display
DUS für holographic displays

holographisches Instrument
DUS für holographic instruments

holographisches optisches Bauelement
DUS für holographic optical elements

holographisches optisches Element
DUS für holographic optical elements

holographisches Prinzip
DUS für holographic principle

holography
NT acoustic holography
computer-generated holography
electron holography
holographic displays
holographic interferometry
microwave holography
SY *holograms*
holographic recording
wavefront-reconstruction imaging
RT copy protection
Fraunhofer diffraction
Fresnel diffraction
holographic gratings
holographic optical elements
holographic storage
interferometry
laser beam applications
laser beams
lasers
light diffraction
optical correlation
optical images
optical information processing
optics
photography
photorefractive materials
quantum optics
DEU Holografie
DSY Holographie

Holz
DUS für wood

Holzbearbeitung
DEU for woodworking

Holzbearbeitungsmaschine
DEU for woodworking machines

Holzerzeugnis
DEU for wood products

Holzkohle
DEU for charcoal

Holzprodukt
DUS für wood products

Holzverarbeitung
DEU for wood processing

Holzware
DUS für wood products

home automation
BT automation
NT assisted living
UF *intelligent buildings / building management systems + factory automation + home automation + office automation*
PT computerised control
home computing
RT ambient intelligence
building management systems
building wiring
computerised control
domestic appliances
home computing
home networks
service robots
television applications
DEU Heimautomatisierung

home banking
BT banking
home computing
PT banking
home computing
RT home shopping
DEU Homebanking
DSY Kontoführung von Zuhause

home computing
BT personal computing
NT home banking
home shopping
home working
PT personal computing
RT ambient intelligence
assisted living
computer games
hobby computing
home automation
home networks
volunteer computing
DEU Computeranwendung im Privatbereich
DSY private Computeranwendung
private Rechneranwendung
Rechneranwendung im Privatbereich

home networks
BT telecommunication networks
RT assisted living
broadband networks
building management systems
carrier transmission on power lines
computer networks
consumer electronics
domestic appliances
home automation
home computing
indoor communication
Internet
IP networks
local area networks
middleware
mobile computing
mobile radio
multimedia communication
network servers
optical communication
protocols
quality of service
wireless LAN
DEU Heimnetz
DSY Home-Network

home shopping
BT home computing
retail data processing
PT home computing
RT home banking
mail order
retailing
DEU Einkaufen von Zuhause
DSY Home-Shopping

home working
BT home computing
teleworking
SY *telecommuting*
PT social aspects of automation
RT office automation
social aspects of automation
DEU Heimarbeit

Home-Network
DUS für home networks

Home-Shopping
DUS für home shopping

Homebanking
DEU for home banking

homeland defense
USE national security

homeland security
USE national security

Homodyn-Detektion
DEU for homodyne detection

homodyne detection
BT signal detection
RT demodulation
optical communication
optical modulation
quantum optics
DEU Homodyn-Detektion

homogeneous electron gas (HEG)
USE jellium

homogenising
USE heat treatment

homopolar generators
BT DC generators
homopolar machines
PT DC generators
DEU Homopolargenerator

homopolar machines
BT DC machines
NT homopolar generators
homopolar motors
PT DC machines
DEU Homopolarmaschine

homopolar motors
BT DC motors
homopolar machines
PT DC motors
DEU Homopolarmotor

Homopolargenerator
DEU for homopolar generators

Homopolarmaschine
DEU for homopolar machines

Homopolarmotor
DEU for homopolar motors

homopolymers
USE polymers

HONDO calculations
USE NDO calculations

honeycomb structures
BT shapes (structures)
PT shapes (structures)
RT construction components
foams
laminates
lightweight structures
metal foams
porous materials
sandwich structures
structural panels
thin wall structures
DEU Wabe (Form)
DSY Wabenform
Wabenstruktur

Hopf bifurcation
USE bifurcation
DEU Hopf-Bifurkation

Hopf-Bifurkation
DEU for Hopf bifurcation

Hopfield neural nets
BT recurrent neural nets
PT neural nets
RT learning (artificial intelligence)
DEU Hopfield-Neuronales-Netz
DSY neuronales Hopfield-Netz

Hopfield-Neuronales-Netz
DEU for Hopfield neural nets

hopping conduction
BT electrical conductivity
PT electrical conductivity of solids
DEU Elektronenleitung

horn antennas
BT directive antennas
waveguide antennas
SY *corrugated horn antennas*
integrated horn antennas
PT directive antennas
waveguide antennas
RT antenna feeds
aperture antennas
conical antennas
reflector antenna feeds
reflector antennas
DEU Hornantenne

Horn clauses
BT formal logic
PT formal logic
RT formal languages
logic programming
DEU Horn-Klausel

Horn-Klausel
DEU for Horn clauses

Hornantenne
DEU for horn antennas

Hornbeck-Molnar effect
USE associative ionisation

horology
USE time measurement

horticulture
PT agriculture
RT agricultural products
agriculture
aquaculture
farming
fertilisers
gardening
greenhouses
irrigation
plant diseases
DEU Gartenbau

hoses
BT mechanical products
RT automotive components
brakes
gardening
pipes
rubber products
DEU Schlauch

hosiery industry
USE clothing industry

Hospital
DEU for hospitals

hospital administration
USE health care
\+ medical administrative data processing

hospital engineering
USE biomedical engineering

hospital information systems
USE medical information systems

hospitals
BT facilities
RT biomedical engineering
health care
medical supplies
medicine
DEU Hospital
DSY Krankenhaus

hot atom chemistry
USE radiochemistry

hot carriers
BT high field effects
high-frequency effects
SY *hot electrons*
PT electrical conductivity of solids
RT hot electron transistors
DEU heißer Ladungsträger

hot cathode tubes
USE thermionic tubes

hot cathodes
USE thermionic cathodes

hot dark matter
USE dark matter

hot dipping
BT coating techniques
PT coating techniques
RT dip coating
DEU Feuerverzinken
DSY heißen Eintauchen
Heißtauchen
Heißtauchverfahren
Schmelztauchen

hot electron transistors
BT transistors
SY *HET*
UF *resonant hot electron tunnelling transistors / hot electron transistors + resonant tunnelling transistors*
UF *RHET / hot electron transistors + resonant tunnelling transistors*
PT bipolar transistors
high electron mobility transistors
RT bipolar transistors
high electron mobility transistors
hot carriers
negative resistance
negative resistance devices
quantum interference devices
resonant tunnelling devices
resonant tunnelling transistors
semiconductor superlattices
tunnelling
DEU Heiß-Elektronen-Transistor
DSY Heiße-Elektronen-Transistor
Heißelektronen-Transistor
Heißelektronentransistor

hot electrons
USE hot carriers

hot Jupiters
USE extrasolar planets

hot pressing
BT pressing
PT ceramics
densification
powder metallurgy
powders
sintering
RT hot working
powder technology
thermomechanical treatment
DEU Heißpressen

hot rolling
BT hot working
rolling
SY *warm rolling*
PT hot working
rolling
DEU Warmwalzen

hot wall epitaxial growth
USE vapour phase epitaxial growth

hot working
BT manufacturing processes
NT hot rolling
SY *warm working*
PT heat treatment of alloys
heat treatment
metalworking
RT hot pressing
metalworking
rolling
softening
thermomechanical treatment
workability
DEU Warmbearbeitung
DSY Warmumformen

hotel industry
BT service industries
RT catering industry
entertainment
leisure industry
reservation computer systems
travel industry
DEU Hotelbranche
DSY Hotellerie

Hotelbranche
DEU for hotel industry

Hotellerie
DUS für hotel industry

hotplates
USE domestic appliances
\+ electric heating

Hough transforms
BT transforms
PT transforms
RT image processing
inverse transforms
DEU Hough-Transformation

Hough-Transformation
DEU for Hough transforms

household appliances
USE domestic appliances
DEU Haushaltsgerät

housings
USE packaging

hovercraft
BT vehicles
RT aircraft
DEU Luftkissenfahrzeug

howitzers
USE weapons

HP computers
USE Hewlett Packard computers

HP-Computer
DUS für Hewlett Packard computers

HPC (computing)
USE parallel processing

HPF
USE FORTRAN
\+ parallel languages

HPGe detectors
USE germanium radiation detectors

HPIB
USE peripheral interfaces

Hs (chemical element)
USE hassium
DEU Hs (chemisches Element)

Hs (chemisches Element)
DEU for Hs (chemical element)

HSDPA
USE 3G mobile communication
\+ access protocols

HSLA steel
USE alloy steel

HTML
USE hypermedia markup languages

HTTP
USE hypermedia
\+ transport protocols

Hubbard model
BT band theory
PT band theory models
RT band model of magnetism
Luttinger liquid
t-J model
DEU Hubbard-Modell

Hubbard-Modell
DEU for Hubbard model

Hubble model
USE cosmology

Hubble-Sandage variables
USE supergiant stars
\+ variable stars

Hubschrauber
DUS für helicopters

Huckel molecular orbital calculations
USE HMO calculations

Huckel theory, extended
USE EHT calculations

HUD
USE head-up displays

hue
USE colour

Hülle (Kabel)
DUS für bushings

Hülse (Kabel)
DUS für bushings

Huffman codes
BT codes
PT codes
error correction codes
RT binary sequences
entropy codes
runlength codes
variable length codes
DEU Huffman-Code

Huffman-Code
DEU for Huffman codes

Hugoniot diagrams
USE equations of state

Hulbert-Hirschfelder potential functions
USE potential energy functions

human computer interaction
BT ergonomics
SY *HCI*
user friendliness
PT user interfaces
RT ambient intelligence
brain-computer interfaces
gaze tracking
human factors
human-robot interaction
interactive devices
sign language recognition
user interfaces
DEU Mensch-Computer-Wechselwirkung
DSY Mensch-Rechner-Wechselwirkung

human engineering
USE ergonomics
DEU Anthropotechnik

human factors
BT behavioural sciences
engineering
UF *morale / human factors* + *human resource management*
UF *motivation / human factors* + *human resource management*
RT age issues
anthropometry
biocybernetics
education
ergonomics
human computer interaction
human-robot interaction
man-machine systems
office environment
productivity
quality of experience

speech intelligibility
user interfaces
DEU menschlicher Faktor

human relations
USE behavioural sciences
+ social sciences

human resource management
BT management
NT appraisal
continuing professional development
employee welfare
industrial relations
job specification
multiskilling
recruitment
termination of employment
SY *leadership*
UF *manpower planning / human resource management* + *labour resources*
UF *morale / human factors* + *human resource management*
UF *motivation / human factors* + *human resource management*
PT management
RT Bring Your Own Device
industrial psychology
labour resources
personnel
team working
DEU Personalmanagement

human-machine systems
USE man-machine systems

human-robot interaction
BT man-machine systems
robots
RT ambient intelligence
gesture recognition
human computer interaction
human factors
natural language processing
sign language recognition
DEU Mensch-Roboter-Wechselwirkung

humanities
NT archaeology
art
history
language translation
linguistics
literature
museums
music
SY *choreography*
dance
drama
humanities data processing
RT computer applications
philosophical aspects
DEU Geisteswissenschaften
DSY Humanwissenschaften

humanities data processing
USE humanities

humanoid robots
BT robots
PT robots
RT mobile robots
DEU Humanoid-Roboter

Humanoid-Roboter
DEU for humanoid robots

Humanwissenschaften
DUS für humanities

Humidität
DUS für humidity

humidity
NT atmospheric humidity
SY *relative humidity*
RT air conditioning
humidity control
humidity measurement
hygrometers
moisture
moisture measurement
vapour pressure
water
DEU Feuchte
DSY Feuchtigkeit
Feuchtigkeitsgehalt
Humidität
Luftfeuchte
Luftfeuchtigkeit

humidity control
BT moisture control
PT moisture control
RT air conditioning
humidity
humidity measurement
DEU Feuchtigkeitskontrolle
DSY Feuchtigkeitsregelung
Feuchtigkeitssteuerung
Feuchtigkeitssteuerung und -regelung
Kontrolle der Feuchtigkeit
Regelung der Feuchtigkeit

Steuerung der Feuchtigkeit

humidity measurement
BT moisture measurement
SY *psychrometry*
PT moisture measurement
RT humidity
humidity control
humidity sensors
hygrometers
DEU Feuchtemessung

humidity sensors
BT sensors
PT humidity measurement
RT electric sensing devices
humidity measurement
hygrometers
DEU Feuchtesensor
DSY Feuchtigkeitssensor

hurricanes
USE storms

HV engineering
USE high-voltage engineering

HVAC
BT air conditioning
space heating
ventilation
SY *heating ventilation and air conditioning*
PT air conditioning
space heating
ventilation
RT building management systems
building services
building simulation
indoor environment
DEU Heizung, Lüftung und Klimatisierung

HVDC
USE HVDC power convertors
\+ HVDC power transmission

HVDC convertor stations
USE HVDC power convertors
\+ substations

HVDC power converters
USE HVDC power convertors

HVDC power convertors
BT power convertors
UF *HVDC / HVDC power convertors + HVDC power transmission*
UF *HVDC convertor stations / HVDC power convertors + substations*
SY *HVDC power converters*
PT DC power transmission
power convertors
RT AC-DC power convertors
DC-AC power convertors
HVDC power transmission
substations
DEU Hochspannungsgleichstromkonverter
DSY Hochspannungsgleichstromwandler
Hochvoltgleichstromkonverter
Hochvoltgleichstromwandler
HVDC-Stromkonverter
HVDC-Stromwandler

HVDC power transmission
BT DC power transmission
high-voltage engineering
UF *HVDC / HVDC power convertors + HVDC power transmission*
PT DC power transmission
DC transmission networks
high-voltage engineering
RT DC transmission networks
HVDC power convertors
DEU Hochspannungsgleichstromübertragung
DSY Hochvoltgleichstromübertragung
HVDC-Stromübertragung

HVDC-Stromkonverter
DUS für HVDC power convertors

HVDC-Stromübertragung
DUS für HVDC power transmission

HVDC-Stromwandler
DUS für HVDC power convertors

HVEM
USE electron microscopy

HVIC
USE power integrated circuits

HWR (nuclear)
USE heavy water reactors

hybrid capacitors
USE supercapacitors

hybrid computer methods
USE hybrid simulation

hybrid computer programming
BT programming
DEU Hybridcomputerprogrammierung
DSY Hybridrechnerprogrammierung

hybrid computers
BT computers
SY *analog digital computers*
analogue digital computers
RT analogue-digital conversion
DEU Hybridcomputer
DSY Hybridrechner

hybrid electric vehicles
BT electric vehicles
PT electric vehicles
RT battery powered vehicles
dual fuel engines
electric propulsion
energy storage
fuel cell vehicles
internal combustion engines
traction motor drives
traction motors
DEU Hybrid-Elektrofahrzeug

hybrid fiber coax networks
USE hybrid fibre coax networks

hybrid fibre coax networks
BT subscriber loops
SY *HFC networks*
hybrid fiber coax networks
PT coaxial cables
optical fibre subscriber loops
subscriber loops
RT coaxial cables
optical fibre subscriber loops
DEU Hybridfasercoaxnetz
DSY Hybridfasercoaxnetzwerk

hybrid integrated circuits
BT integrated circuits
RT beam-lead devices
conformal coatings
flip-chip devices
integrated circuit bonding
microwave integrated circuits
multichip modules
tape automated bonding
DEU Hybridschaltung

hybrid power systems
BT power systems
PT power systems
RT diesel-electric generators
diesel-electric power stations
distributed power generation
photovoltaic power systems
secondary cells
solar cell arrays
wind power plants
wind turbines
DEU Hybridenergiesystem
DSY Hybridstromsystem

hybrid reactors
BT fission reactors
fusion reactors
SY *fusion-fission reactors*
PT fission reactors
fusion reactors
DEU Hybridreaktor

hybrid simulation
BT computer aided analysis
simulation
SY *hybrid computer methods*
PT hybrid computer methods
DEU Hybridsimulation

hybrid spectrum supergiants
USE giant stars
\+ supergiant stars

hybrid turbine cycle power stations
USE combined cycle power stations

Hybrid-Elektrofahrzeug
DEU for hybrid electric vehicles

Hybridcomputer
DEU for hybrid computers

Hybridcomputerprogrammierung
DEU for hybrid computer programming

Hybridenergiesystem
DEU for hybrid power systems

Hybridfasercoaxnetz
DEU for hybrid fibre coax networks

Hybridfasercoaxnetzwerk
DUS für hybrid fibre coax networks

Hybridreaktor
DEU for hybrid reactors

Hybridrechner
DUS für hybrid computers

Hybridrechnerprogrammierung
DUS für hybrid computer programming

Hybridschaltung
DEU for hybrid integrated circuits

Hybridsimulation
DEU for hybrid simulation

Hybridstromsystem
DUS für hybrid power systems

hydrated electrons
USE solvated electrons

hydration
USE solvation

hydraulic actuators
BT actuators
hydraulic control equipment
PT actuators
hydraulic control equipment
RT hydraulic drives
DEU Hydraulikzylinder

hydraulic amplifiers
USE fluidic devices
\+ hydraulic control equipment

hydraulic control equipment
BT mechanical control equipment
NT electrohydraulic control equipment
hydraulic actuators
hydraulic motors
UF *hydraulic amplifiers / fluidic devices + hydraulic control equipment*
RT hydraulic drives
hydraulic fluids
hydraulic systems
nonelectric final control devices
nonelectric sensing devices
water
DEU hydraulische Regeleinrichtung
DSY hydraulische Steuereinrichtung

hydraulic drives
BT drives
PT drives
hydraulic control equipment
RT hydraulic actuators
hydraulic control equipment
DEU hydraulischer Antrieb

hydraulic fluids
BT production materials
SY *hydraulic oil*
RT hydraulic control equipment
hydraulic systems
lubricating oils
oils
DEU Hydraulikflüssigkeit

hydraulic fracturing
USE natural gas technology
\+ oil technology

hydraulic motors
BT hydraulic control equipment
SY *motors, hydraulic*
PT hydraulic control equipment
DEU Hydromotor

hydraulic oil
USE hydraulic fluids

hydraulic systems
RT hydraulic control equipment
hydraulic fluids
irrigation
DEU hydraulisches System

hydraulic turbine generators
USE hydroelectric generators

hydraulic turbines
BT turbines
SY *Francis turbines*
Kaplan turbines
Pelton turbines
RT hydroelectric generators
hydroelectric power stations
pumped-storage power stations
DEU Wasserturbine

Hydraulikdruckgeber
DUS für pressure transducers

Hydraulikflüssigkeit
DEU for hydraulic fluids

Hydraulikzylinder
DEU for hydraulic actuators

hydraulische Lochpresse
DUS für presses

hydraulische Mehrzweckpresse
DUS für presses

hydraulische Presse
DUS für presses

hydraulische Regeleinrichtung
DEU for hydraulic control equipment

hydraulische Revolverpresse
DUS für presses

hydraulische Steuereinrichtung
DUS für hydraulic control equipment

hydraulische Ziehpresse
DUS für presses

hydraulischer Antrieb
DEU for hydraulic drives

hydraulisches System
DEU for hydraulic systems

Hydrieren
DEU for hydrogenation

hydroacoustics
USE underwater sound

hydrocarbon reservoirs
NT oil sands
oil shale
SY *reservoirs (oil and gas)*
PT geology
geophysical prospecting
RT crude oil
drilling (geotechnical)
fossil fuels
geology
geophysical prospecting
geophysical techniques
petroleum
petroleum industry
seismology
shale gas
DEU Kohlenwasserstoffquelle
DSY Kohlenwasserstoffreserve
Kohlenwasserstoffreservoir

Hydrochemie
DEU for hydrochemistry

hydrochemistry
BT geochemistry
NT ocean chemistry
PT geochemistry
RT groundwater
hydrology
lakes
ocean composition
rivers
DEU Hydrochemie

hydrodynamic model (elementary particles)
BT statistical models (elementary particles)
PT statistical models
DEU hydrodynamisches Modell (Elementarpartikel)
DSY hydrodynamisches Modell (Elementarteilchen)

hydrodynamics
BT fluid dynamics
NT electrohydrodynamics
magnetohydrodynamics
UF *ferrohydrodynamics / hydrodynamics + magnetic fluids*
UF *hydrofoils / hydrodynamics + marine vehicles*
RT aerodynamics
astrophysical fluid dynamics
atmospheric movements
drag
fluid oscillations
geophysical fluid dynamics
jets
liquid waves
water
water waves
DEU Hydrodynamik

Hydrodynamik
DEU for hydrodynamics

hydrodynamisches Modell (Elementarpartikel)
DEU for hydrodynamic model (elementary particles)

hydrodynamisches Modell (Elementarteilchen)
DUS für hydrodynamic model (elementary particles)

hydroelasticity
USE elasticity

hydroelectric generators
BT electric generators
SY *hydraulic turbine generators*
PT electric generators
turbogenerators
RT hydraulic turbines
hydroelectric power stations
turbogenerators
DEU Wasserkraftgenerator

hydroelectric power
BT renewable energy sources
SY *hydropower*
PT energy resources
hydroelectric power stations
RT hydroelectric power stations
hydrothermal power systems
pumped-storage power stations
tidal power stations
wave power generation
DEU Wasserkraft

hydroelectric power stations
BT power stations
NT pumped-storage power stations
tidal power stations
RT dams
hydraulic turbines
hydroelectric generators
hydroelectric power
hydrothermal power systems
water
water supply
wave power generation
DEU Wasserkraftwerk

hydrofoils
USE hydrodynamics
\+ marine vehicles

hydroforming
USE forming processes

Hydrogel
DEU for hydrogels

hydrogels
BT polymer gels
RT biomedical materials
DEU Hydrogel

hydrogen
BT non-metals
NT hydrogen ions
hydrogen neutral atoms
hydrogen neutral molecules
solid hydrogen
SY *H (chemical element)*
RT deuterium
hydrogen compounds
hydrogen economy
hydrogen production
hydrogen storage
hydrogenation
protons
tritium
DEU Wasserstoff

hydrogen bonds
BT bonds (chemical)
PT bonds (chemical)
RT crystal binding
molecular configurations
DEU Wasserstoffbindung

hydrogen compounds
BT inorganic compounds
NT deuterium compounds
ice
steam
tritium compounds
water
SY *acids, inorganic*
UF *H3O+ / hydrogen compounds + positive ions*
UF *hydroxonium ion / hydrogen compounds + positive ions*
SY *inorganic acids*
RT hydrogen
DEU Wasserstoffverbindung

hydrogen deficient stars
USE supergiant stars

hydrogen economy
BT renewable energy sources
NT hydrogen production
hydrogen storage
SY *hydrogen energy*
PT energy resources
RT fuel economy
hydrogen
hydrogenation
DEU Wasserstoffwirtschaft

hydrogen embrittlement
BT embrittlement
PT brittleness
RT brittleness
cracks
hydrogenation
DEU Wasserstoffversprödung

hydrogen energy
USE hydrogen economy

hydrogen ion concentration
USE pH value

hydrogen ions
BT hydrogen
ions
RT protons
DEU Wasserstoffion

hydrogen neutral atoms
BT atoms
hydrogen
NT spin polarised atomic hydrogen
DEU neutrales Wasserstoffatom

hydrogen neutral molecules
BT hydrogen
molecules
DEU neutrales Wasserstoffmolekül

hydrogen production
BT hydrogen economy
SY *biohydrogen production*
PT hydrogen economy
RT electrolysis
fuel cells
fuel gasification
fuel processing
hydrogen
hydrogen storage
microbial electrolysis cells
solid oxide electrolysis cells
steam reforming
syngas
water gas shift
DEU Wasserstoffproduktion

hydrogen storage
BT energy storage
hydrogen economy
PT hydrogen economy
RT hydrogen
hydrogen production
hydrogenation
DEU Wasserstoffspeicherung

hydrogenation
BT chemical reactions
SY *deuteration*
PT hydrogen
RT annealing
hydrogen
hydrogen economy
hydrogen embrittlement
hydrogen storage
passivation
semiconductor doping
sorption
surface chemistry
DEU Hydrieren

hydrological equipment
BT geophysical equipment
PT geophysical equipment
RT hydrological techniques
water pollution measurement
DEU hydrologische Ausrüstung

hydrological techniques
BT geophysical techniques
PT geophysical techniques
RT hydrological equipment
hydrology
remote sensing
reservoirs
water pollution control
water pollution measurement
DEU hydrologische Technik

Hydrologie
DEU for hydrology

hydrologische Ausrüstung
DEU for hydrological equipment

hydrologische Technik
DEU for hydrological techniques

hydrology
NT floods
UF *drought / hydrology + rain*
UF *permafrost / geomorphology + glaciology + hydrology + ice + soil*
UF *runoff / hydrology + rivers*
PT geophysics
RT atmospheric precipitation
geophysics
groundwater
hydrochemistry
hydrological techniques
lakes
moisture
rivers
snow
soil
water supply
wetlands
DEU Hydrologie

hydromagnetic waves
USE magnetohydrodynamic waves

hydromagnetics
USE magnetohydrodynamics

hydrometallurgy
USE metal refining

Hydrometer
DEU for hydrometers

hydrometers
BT meters
RT density measurement
DEU Hydrometer

Hydromotor
DEU for hydraulic motors

hydrophilicity
RT contact angle
hydrophobicity
water
wetting
DEU wasserdurchlässige Eigenschaft

hydrophobicity
RT contact angle
hydrophilicity
water
wetting
DEU wasserabstoßende Eigenschaft

Hydrophon
DEU for hydrophones

hydrophones
BT acoustoelectric transducers
PT acoustic receivers
oceanography
RT microphones
sonar
underwater sound
DEU Hydrophon
DSY Unterwassermikrofon

hydropower
USE hydroelectric power

hydrostatics
BT fluid mechanics
statics
DEU Hydrostatik

Hydrostatik
DEU for hydrostatics

hydrostatischer Druck
DUS für pressure

hydrotermales Energiesystem
DEU for hydrothermal power systems

hydrothermal activity, submarine
USE seafloor phenomena

hydrothermal crystal growth
USE crystal growth from solution

hydrothermal power systems
BT power systems
PT hydroelectric power stations
power systems
thermal power stations
RT hydroelectric power
hydroelectric power stations
thermal power stations
DEU hydrotermales Energiesystem

Hydroumformen
DUS für pressing

hydroxonium ion
USE hydrogen compounds
\+ positive ions

hydroxyl group
USE oxygen compounds

hygas
USE syngas

hygiene
SY *cleanliness*
RT medicine
DEU Hygiene

Hygiene
DEU for hygiene

Hygrometer
DUS für hygrometers

hygrometers
BT meteorological instruments
meters
RT atmospheric humidity
humidity
humidity measurement
humidity sensors
DEU Feuchtemesser
DSY Hygrometer

hyper Raman effect
USE Raman spectra

hyper Rayleigh effect
USE Rayleigh scattering

Hyper-Media
DEU for hypermedia

hyper-redundant manipulators
USE flexible manipulators
\+ redundant manipulators

Hyperatomkern
DEU for hypernuclei

Hyperbelgleichung
DEU for hyperbolic equations

hyperbolic equations
BT equations
PT differential equations
RT differential equations
DEU Hyperbelgleichung
DSY hyperbolische Gleichung

hyperbolische Gleichung
DUS für hyperbolic equations

hypercube networks
BT multiprocessor interconnection networks
SY *butterfly networks*
cube-connected cycle networks
deBruijn networks
N-cube networks
shuffle exchange networks
PT multiprocessor interconnection networks
RT parallel architectures
DEU hyperkubisches Netzwerk

hyperfeine Wechselwirkung
DEU for hyperfine interactions

Hyperfeinstruktur
DEU for hyperfine structure

hyperfiltration (industrial)
USE reverse osmosis

hyperfine field interactions (condensed matter)
USE hyperfine interactions

hyperfine interactions
BT energy states
NT electric field gradient
hyperfine structure
SY *crystal hyperfine field interactions*
hyperfine field interactions (condensed matter)
PT crystal hyperfine field interactions
hyperfine field interactions (condensed matter)
RT crystal field interactions
nuclear screening
perturbed angular correlation
quadrupole coupling
quadrupole interactions
DEU hyperfeine Wechselwirkung

hyperfine structure
BT fine structure
hyperfine interactions
SY *atomic hyperfine structure*
molecular hyperfine structure
zero field level splitting
PT atomic hyperfine structure
molecular hyperfine structure
RT atomic structure
electric field gradient
Lamb shift
molecular electronic states
spin-rotation coupling
DEU Hyperfeinstruktur

hyperfragments
USE hypernuclei

hypergiants
USE supergiant stars

hyperkubisches Netzwerk
DEU for hypercube networks

hypermedia
BT multimedia systems
NT hypermedia markup languages
UF *HTTP / hypermedia + transport protocols*
SY *hypertext*
PT database management systems
information storage
RT authoring systems
database management systems
electronic publishing
text analysis
Web design
DEU Hyper-Media

hypermedia markup languages
BT hypermedia
page description languages
NT XML
SY *HTML*
Hypertext Markup Language
PT hypermedia
page description languages
RT indexing
DEU Hypermedia-Auszeichnungssprache

Hypermedia-Auszeichnungssprache
DEU for hypermedia markup languages

hypernuclei
BT nucleus
SY *hyperfragments*
UF *hypertritons / hypernuclei + tritons*

RT hyperon capture
hyperon-nucleus reactions
hyperons
Lambda baryons
Sigma baryons
DEU Hyperatomkern

Hyperon
DEU for hyperons

hyperon absorption
BT absorption
RT hyperon capture
hyperon-nucleus reactions
hyperons
DEU Hyperon-Absorption

hyperon capture
BT hyperon-nucleus reactions
RT hypernuclei
hyperon absorption
DEU Hyperon-Einfang

hyperon decay
BT baryon decay
RT hyperons
DEU Hyperon-Zerfall

hyperon detection
BT radiation detection
PT hyperon detection and measurement
RT hyperons
radioactivity measurement
DEU Hyperon-Detektion

hyperon effects
BT radiation effects
RT hyperons
DEU Hyperon-Wirkung

hyperon electric moment
BT baryon electric moment
PT electric moments
RT hyperons
DEU hyperon-elektrisches Moment

hyperon interactions
USE hyperon-nucleon interactions
\+ hyperon-nucleus reactions

hyperon magnetic moment
BT baryon magnetic moment
RT hyperons
DEU hyperon-magnetisches Moment

hyperon mass
BT baryon mass
RT hyperons
mass differences
mass formulae
DEU Hyperon-Masse

hyperon parity
BT baryon parity
PT hyperon spin and parity
RT hyperon spin
DEU Hyperon-Paarigkeit
DSY Hyperon-Parität

hyperon production
BT baryon production
RT baryon photoproduction
hyperons
DEU Hyperon-Produktion

hyperon reactions
USE hyperon-nucleus reactions

hyperon resonances
BT baryon resonances
RT hyperons
DEU Hyperon-Resonanz

hyperon scattering
USE hyperon-nucleon scattering
\+ hyperon-nucleus scattering

hyperon spin
BT baryon spin
PT hyperon spin and parity
RT hyperon parity
isotopic spin (elementary particles)
DEU Hyperon-Spin

Hyperon-Absorption
DEU for hyperon absorption

Hyperon-Atomkern-Reaktion
DEU for hyperon-nucleus reactions

Hyperon-Atomkern-Streuung
DEU for hyperon-nucleus scattering

Hyperon-Detektion
DEU for hyperon detection

hyperon-deuteron interactions
BT hadron-deuteron interactions
PT hyperon interactions
RT hyperon-deuteron scattering
DEU Hyperon-Deuteron-Wechselwirkung

hyperon-deuteron scattering
BT hadron-deuteron scattering
PT hyperon scattering
RT hyperon-deuteron interactions
DEU Hyperon-Deuteron-Streuung

Hyperon-Deuteron-Streuung
DEU for hyperon-deuteron scattering

Hyperon-Deuteron-Wechselwirkung
DEU for hyperon-deuteron interactions

Hyperon-Einfang
DEU for hyperon capture

hyperon-elektrisches Moment
DEU for hyperon electric moment

hyperon-magnetisches Moment
DEU for hyperon magnetic moment

Hyperon-Masse
DEU for hyperon mass

hyperon-nucleon interactions
BT baryon-baryon interactions
UF *hyperon interactions / hyperon-nucleon interactions* + *hyperon-nucleus reactions*
PT hyperon interactions
nucleon interactions
RT hyperon-nucleon scattering
hyperon-nucleus reactions
DEU Hyperon-Nukleon-Wechselwirkung

hyperon-nucleon scattering
BT baryon-baryon scattering
UF *hyperon scattering / hyperon-nucleon scattering* + *hyperon-nucleus scattering*
PT hyperon scattering
nucleon scattering
RT hyperon-nucleon interactions
hyperon-nucleus scattering
DEU Hyperon-Nukleon-Streuung

hyperon-nucleus reactions
BT hadron-nucleus reactions
NT hyperon capture
UF *hyperon interactions / hyperon-nucleon interactions* + *hyperon-nucleus reactions*
SY *hyperon reactions*
PT nuclear reactions and scattering due to hyperons
RT hypernuclei
hyperon absorption
hyperon-nucleon interactions
DEU Hyperon-Atomkern-Reaktion

hyperon-nucleus scattering
BT hadron-nucleus scattering
UF *hyperon scattering / hyperon-nucleon scattering* + *hyperon-nucleus scattering*
PT nuclear reactions and scattering due to hyperons
RT hyperon-nucleon scattering
DEU Hyperon-Atomkern-Streuung

Hyperon-Nukleon-Streuung
DEU for hyperon-nucleon scattering

Hyperon-Nukleon-Wechselwirkung
DEU for hyperon-nucleon interactions

Hyperon-Paarigkeit
DEU for hyperon parity

Hyperon-Parität
DUS für hyperon parity

Hyperon-Produktion
DEU for hyperon production

Hyperon-Resonanz
DEU for hyperon resonances

Hyperon-Spin
DEU for hyperon spin

Hyperon-Wirkung
DEU for hyperon effects

Hyperon-Zerfall
DEU for hyperon decay

hyperons
BT baryons
strange particles
NT Lambda baryons
Omega baryons
Sigma baryons
Xi baryons
SY *antihyperons*
RT hypernuclei
hyperon absorption
hyperon decay
hyperon detection
hyperon effects
hyperon electric moment
hyperon magnetic moment
hyperon mass
hyperon production
hyperon resonances
DEU Hyperon

hypersonic flow
BT supersonic flow
PT supersonic flow
RT aerodynamics
Mach number
shock waves
DEU hypersonische Strömung
DSY Überschallströmung

hypersonic vehicles
USE aircraft
+ missiles

hypersonische Strömung
DEU for hypersonic flow

hypersound
USE ultrasonics

hyperspectral imaging
BT imaging
RT agriculture
crops
feature extraction
forestry
geophysical image processing
image classification
image processing
infrared imaging
object detection
optical images
remote sensing
terrain mapping
vegetation mapping
DEU Hyperspektralbilderzeugung
DSY Hyperspektralbildgebung

Hyperspektralbilderzeugung
DEU for hyperspectral imaging

Hyperspektralbildgebung
DUS für hyperspectral imaging

hypertext
USE hypermedia

Hypertext Markup Language
USE hypermedia markup languages

hyperthermia
BT biothermics
UF *applicators, microwave / hyperthermia + microwave heating*
UF *microwave applicators / hyperthermia + microwave heating*
PT biothermics
RT biological effects of microwaves
microwave heating
radiation therapy
radiofrequency heating
ultrasonic therapy
DEU Hyperthermie

Hyperthermie
DEU for hyperthermia

hypertritons
USE hypernuclei
+ tritons

hypervirial theorem
USE quantum theory

hypochromism
USE light absorption

Hypothekenverarbeitung
DEU for mortgage processing

hypothesis formation
USE heuristic programming

hypothetical particles
BT elementary particles
NT gluons
heavy leptons
intermediate bosons
magnetic monopoles
sparticles
tachyons
SY *postulated particles*
weakly interacting massive particles
WIMPs (particles)
DEU hypothetisches Partikel
DSY hypothetisches Teilchen

hypothetisches Partikel
DEU for hypothetical particles

hypothetisches Teilchen
DUS für hypothetical particles

Hysterese
DEU for hysteresis

Hystereseantriebsmotor
DEU for hysteresis motor drives

Hysteresemotor
DEU for hysteresis motors

Hysteresemotorschutz
DEU for hysteresis motor protection

hysteresis
NT dielectric hysteresis
elastic hysteresis
magnetic hysteresis
RT control nonlinearities
damping
dislocation damping
eddy currents
errors
internal friction
remanence
DEU Hysterese

hysteresis motor drives
BT hysteresis motors
synchronous motor drives
PT electric drives
hysteresis motors
variable speed drives
RT variable speed drives
DEU Hystereseantriebsmotor

hysteresis motor protection
BT hysteresis motors
synchronous motor protection
PT hysteresis motors
machine protection
DEU Hysteresemotorschutz

hysteresis motors
BT synchronous motors
NT hysteresis motor drives
hysteresis motor protection
DEU Hysteresemotor

HZ Her stars
USE neutron stars
\+ variable stars
\+ X-ray binary stars

I (chemical element)
USE iodine
DEU I (chemisches Element)

I (chemisches Element)
DEU for I (chemical element)

I-centres
USE colour centres

I-II-VI2 semiconductors
USE ternary semiconductors

I-III-VI2 semiconductors
USE ternary semiconductors

i-line lithography
USE ultraviolet lithography

I/O programs
USE input-output programs

I²L
USE integrated injection logic

IaaS
USE cloud computing

IBA
USE interacting boson approximation

IBAD
USE ion beam assisted deposition

IBM
USE interacting boson approximation

IBM compatible machines
BT microcomputers
PT microcomputers
RT Compaq computers
IBM computers
portable computers
DEU IBM-kompatible Maschine

IBM computers
BT digital computers
PT digital computers
RT Compaq computers
IBM compatible machines
mainframes
microcomputers
minicomputers
DEU IBM-Computer

IBM-Computer
DEU for IBM computers

IBM-kompatible Maschine
DEU for IBM compatible machines

IC
USE integrated circuits

IC cards
USE smart cards

IC engines
USE internal combustion engines

ICAD
USE intelligent design assistants

ICAI
USE intelligent tutoring systems

ICDF calculations
USE Dirac-Fock calculations

ice
BT hydrogen compounds
NT sea ice
SY *frost*
UF *hail / atmospheric precipitation + ice*
UF *icing / freezing + ice*
UF *permafrost / geomorphology + glaciology + hydrology + ice + soil*
RT atmospheric precipitation
de-icing
glaciology
minerals
snow
water
DEU Eis

ice accretion
BT accretion
DEU Eisablagerung
DSY Eisbildung

ice core records
USE proxy records (geophysical)

icebergs
USE sea ice

ICF
USE fusion reactors
\+ plasma inertial confinement

icing
USE freezing
\+ ice

ICL computers
BT digital computers
PT digital computers
RT mainframes
microcomputers
minicomputers
DEU ICL-Computer

ICL-Computer
DEU for ICL computers

icon-based interfaces
USE graphical user interfaces

iconoscopes
USE television camera tubes

icosahedral phase
USE quasicrystals

ICR
USE mass spectroscopy

ICRF heating (plasma)
USE plasma radiofrequency heating

ICRH (plasma)
USE plasma radiofrequency heating

IDA
USE intelligent design assistants

idea processors
BT personal computing
PT personal computing
RT personal information systems
DEU Ideenverarbeiter (Software)

Ideenverarbeiter (Software)
DEU for idea processors

identification
NT parameter estimation
power system identification
state estimation
UF *group method of data handling / forecasting theory + identification*
RT control systems
control theory
correlation methods
frequency response
memoryless systems
modelling
optimal control
simulation
step response
system theory
DEU Identifikation

identification charts
USE finding charts

identification technology
BT technology
NT labelling (packaging)
mark scanning equipment
radiofrequency identification
SY *product identification*
tagging technology
RT bar codes
DEU Identifikationstechnologie
DSY Identifizierungstechnologie

Identifikation
DEU for identification

Identifikationstechnologie
DEU for identification technology

Identifizierungstechnologie
DUS für identification technology

IDT
USE interdigital transducers

IEC standards
BT standards
PT measurement standards
standards
RT ISO standards
measurement standards
standardisation
telecommunication standards
DEU IEC-Norm
DSY IEC-Standard

IEC-Norm
DEU for IEC standards

IEC-Standard
DUS für IEC standards

IEEE 1394
USE IEEE standards
\+ peripheral interfaces

IEEE 802.11 networks
USE wireless LAN

IEEE 802.12
DUS für packet switching

IEEE 802.15 networks
USE personal area networks

IEEE 802.15.1 networks
USE Bluetooth

IEEE 802.15.4 networks
USE Zigbee

IEEE 802.16 networks
USE WiMax

IEEE standards
BT standards
UF *IEEE 1394 / IEEE standards + peripheral interfaces*
UF *IEEE-1596 / IEEE standards + system buses*
UF *IEEE-488 / IEEE standards + peripheral interfaces*
UF *IEEE-896 / IEEE standards + system buses*
UF *IEEE-960 / IEEE standards + system buses*
PT measurement standards
standards
telecommunication standards
RT ANSI standards
measurement standards
telecommunication standards
DEU IEEE-Norm
DSY IEEE-Standard

IEEE-1596
USE IEEE standards
\+ system buses

IEEE-488
USE IEEE standards
\+ peripheral interfaces

IEEE-896
USE IEEE standards
\+ system buses

IEEE-960
USE IEEE standards
\+ system buses

IEEE-Norm
DEU for IEEE standards

IEEE-Standard
DUS für IEEE standards

IEEE802.16-Netz
DEU for WiMax

IETS
USE tunnelling spectra
\+ tunnelling spectroscopy

IEXE
USE ion microprobe analysis
\+ X-ray chemical analysis

IF amplifiers
USE intermediate-frequency amplifiers

IGBT
USE insulated gate bipolar transistors

IGBT (Insulated Gate Bipolar Transistor)
DEU for insulated gate bipolar transistors

IGBT switches
USE power semiconductor switches

IGFET
USE insulated gate field effect transistors

ignition
NT electric ignition
RT combustion
engines
fuzes (detonation)
internal combustion engines
propellants
starting
DEU Anzünden
DSY Zünden
Zündung

ignitrons
USE mercury arc rectifiers

IGT
USE insulated gate bipolar transistors

II-III2-VI4 semiconductors
USE ternary semiconductors

II-IV-V2 semiconductors
USE ternary semiconductors

II-VI semiconductors
BT semiconductor materials
SY *2-6 semiconductors*
UF *pseudobinary semiconductors / II-VI semiconductors + III-V semiconductors + III-VI semiconductors + IV-VI semiconductors + semiconductor materials*
PT semiconductor materials
DEU Zwei-Sechs-Verbindung

II-VI-Halbleiter
DUS für 2-6 semiconductors

III-V semiconductors
BT semiconductor materials
SY *3-5 semiconductors*
UF *pseudobinary semiconductors / II-VI semiconductors + III-V semiconductors + III-VI semiconductors + IV-VI semiconductors + semiconductor materials*
PT semiconductor materials
DEU Drei-Fünfverbindung

III-VI semiconductors
BT semiconductor materials
SY *3-6 semiconductors*
UF *pseudobinary semiconductors / II-VI semiconductors + III-V semiconductors + III-VI semiconductors + IV-VI semiconductors + semiconductor materials*
PT semiconductor materials
DEU Drei-Sechsverbindung

IIR filters
BT digital filters
SY *infinite impulse response filters*
PT digital filters
RT adaptive filters
FIR filters
quadrature mirror filters
DEU IIR-Filter

IIR-Filter
DEU for IIR filters

IKBS
USE knowledge based systems

illumination
USE lighting

illumination control
USE lighting control

ILS
USE instrument landing systems

image capture
RT cameras
CCD image sensors
CMOS image sensors
computer vision
image processing equipment
image processing
image scanners
image sensors
DEU Bildeinlesen
DSY Bilderfassung
Bildscannen

image classification
BT image recognition
pattern classification
signal classification
SY *classification, image*
PT image recognition
RT feature selection
Gabor filters
geophysical image processing

hyperspectral imaging
land cover
DEU Bildklassifikation
DSY Bildklassifizierung

image coding
BT encoding (general)
image processing
NT video coding
UF *image compression / data compression + image coding*
UF *image quantisation / data compression + image coding*
PT computerised picture processing
encoding (general)
picture processing
RT adaptive codes
arithmetic codes
channel coding
combined source-channel coding
compressed sensing
differential pulse code modulation
digital television
entropy codes
image forensics
image sampling
image watermarking
linear predictive coding
quadrature mirror filters
runlength codes
source coding
steganography
transcoding
transform coding
variable length codes
variable rate codes
vector quantisation
video codecs
watermarking
DEU Bildcodierung

image colour analysis
BT colour
image processing
SY *color image analysis*
colour image analysis
PT image recognition
RT colorimetry
colour graphics
DEU Bildfarbenanalyse
DSY Farbbildanalyse

image compression
USE data compression
\+ image coding

image converters
USE image convertors

image convertors
BT cathode-ray tubes
convertors
NT image intensifiers
SY *image converters*
RT CCD image sensors
fluorescent screens
image sensors
X-ray imaging
DEU Bildkonverter
DSY Bildwandler

image cryptography
USE cryptography
\+ image processing

image databases
USE visual databases

image de-noising
USE image denoising

image deblurring
USE image restoration

image denoising
BT image processing
signal denoising
SY *image de-noising*
PT image enhancement
image restoration
interference suppression
RT image enhancement
image reconstruction
image resolution
image restoration
interference suppression
DEU Bildentrauschen

image digitisation
USE image processing

image digitisers
USE image scanners

image digitization
USE image processing

image encryption
USE cryptography
\+ image processing

image enhancement
BT image processing
PT image processing
RT image denoising
DEU Bildanreicherung
DSY Bildverbesserung

image forensics
BT digital forensics
RT image coding
image processing
image watermarking
industrial property
DEU Bildforensik

image fusion
BT image processing
sensor fusion
RT image registration
image resolution
medical image processing
wavelet transforms
DEU Bildüberlagerung
DSY Bildverschmelzung

image intensifiers
BT image convertors
NT microchannel plates
night vision
SY *light intensifiers*
RT image sensors
phosphors
photocathodes
photomultipliers
X-ray apparatus
X-ray imaging
DEU Bildintensivierer
DSY Bildverstärker
Bildverstärkung
Lichtverstärker

image management systems
USE document image processing
\+ visual databases

image matching
BT image recognition
pattern matching
PT image recognition
RT image motion analysis
image sequences
palmprint recognition
DEU Bildanpassung

image morphing
BT computer graphics
image processing
PT computer animation
computer graphics
image processing
RT computer animation
DEU Bildmorphing

image mosaicing
USE image segmentation

image mosaicking
USE image segmentation

image motion analysis
BT image processing
NT motion compensation
motion estimation
visual servoing
RT computer vision
image matching
image sequences
medical image processing
motion measurement
object tracking
tracking
video coding
video surveillance
DEU Bewegtbildanalyse
DSY Bildbewegungsanalyse

image processing equipment
BT computer peripheral equipment
signal processing equipment
NT image scanners
PT computer peripheral equipment
computerised picture processing
picture processing
signal processing equipment
RT CMOS image sensors
image capture
image processing
pattern recognition equipment
video equipment
DEU Bildverarbeitungsanlage
DSY Bildverarbeitungsausrüstung
Bildverarbeitungsausstattung
Bildverarbeitungseinrichtung

image processing tools
NT image storage tubes
DEU Bildbearbeitungswerkzeug
DSY Bildverarbeitungswerkzeug

image processing
BT signal processing
NT astronomical image processing
computer vision
computerised tomography
document image processing
geophysical image processing

image coding
image colour analysis
image denoising
image enhancement
image fusion
image morphing
image motion analysis
image recognition
image reconstruction
image registration
image representation
image resolution
image sampling
image segmentation
image sequences
image texture
image thinning
medical image processing
radar imaging
sonar imaging
stereo image processing
video signal processing
SY *computerised picture processing*
UF *image cryptography / cryptography + image processing*
SY *image digitisation*
image digitization
UF *image encryption / cryptography + image processing*
SY *picture processing*
UF *visual cryptography / cryptography + image processing*
PT computerised picture processing
picture processing
RT adaptive signal processing
affine transforms
augmented reality
cepstral analysis
compressed sensing
content-based retrieval
curvelet transforms
discrete cosine transforms
expectation-maximisation algorithm
graphics processing units
Hough transforms
hyperspectral imaging
image capture
image forensics
image processing equipment
image retrieval
imaging
Karhunen-Loeve transforms
laser ranging
mathematical morphology
maximum entropy methods
median filters
minimum entropy methods
multidimensional digital filters
octrees
optical tracking
pattern recognition
quadtrees
Radon transforms
sensor fusion
spatial filters
two-dimensional digital filters
video signals
wavelet transforms
Wiener filters
DEU Bildbearbeitung
DSY Bildverarbeitung

image quantisation
USE data compression
\+ image coding

image recognition
BT image processing
pattern recognition
NT edge detection
face recognition
fingerprint identification
gesture recognition
image classification
image matching
iris recognition
optical character recognition
palmprint recognition
pose estimation
vein recognition
SY *picture pattern recognition*
PT computerised pattern recognition
computerised picture processing
pattern recognition
picture processing
RT computer vision
emotion recognition
feature extraction
feature selection
natural scenes
object detection
object recognition
radar target recognition
shape recognition
sonar target recognition
text detection
video surveillance
DEU Bilderkennung

image reconstruction
BT image processing
signal reconstruction
NT image restoration
PT computerised picture processing
picture processing

RT compressed sensing
image denoising
DEU Bildrekonstruktion

image registration
BT image processing
PT image processing
RT image fusion
DEU Bildregistrierung

image representation
BT image processing
signal representation
PT image processing
RT spatial data structures
DEU Bilddarstellung

image resolution
BT image processing
optical resolving power
signal resolution
PT image processing
optical resolving power
RT image denoising
image fusion
optical images
radar resolution
DEU Bildauflösung

image restoration
BT image reconstruction
signal restoration
SY *image deblurring*
PT image reconstruction
RT image denoising
DEU Bildrestaurierung

image retrieval
BT query processing
NT video retrieval
PT query processing
RT content-based retrieval
image processing
visual databases
DEU Bildrecherche
DSY Bildsuche
Bildwiedergewinnung

image sampling
BT image processing
signal sampling
SY *sampling, image*
PT image processing
RT compressed sensing
image coding
image sequences
video signal processing
DEU Bildabtastung
DSY Bildsampling

image scanners
BT computer graphic equipment
image processing equipment
SY *graphics scanners*
image digitisers
scanners, image
text scanners
PT computer graphic equipment
RT analogue-digital conversion
character recognition equipment
document image processing
image capture
image sensors
mark scanning equipment
optical character recognition
optical scanners
DEU Bildabtastapparat
DSY Bildabtasteinrichtung
Bildabtaster
Bildscanner
Blidabtastgerät
Scangerät
Scanner

image segmentation
BT image processing
SY *image mosaicing*
image mosaicking
image thresholding
region growing (image processing)
segmentation, image
PT computerised picture processing
picture processing
RT Gabor filters
mixture models
object tracking
pattern clustering
DEU Bildsegmentierung

image sensors
BT photoelectric devices
sensors
NT CCD image sensors
CMOS image sensors
focal planes
star trackers
television camera tubes
SY *imagers*
vision sensors
PT image convertors
infrared imaging
photoelectric devices
RT computer vision
endoscopes
image capture
image convertors
image intensifiers

image scanners
imaging
infrared imaging
night vision
optical sensors
robot vision
tactile sensors
terahertz wave detectors
terahertz wave imaging
X-ray imaging
DEU Bildsensor

image sequences
BT image processing
sequences
SY *optical flow*
PT computerised picture processing
picture processing
RT image matching
image motion analysis
image sampling
object tracking
spatiotemporal phenomena
video coding
video surveillance
DEU Bildfolge

image skeletonisation
USE image thinning

image skeletonization
USE image thinning

image storage tubes
BT image processing tools
DEU Bildspeicherröhre

image texture
BT image processing
UF *texture, graphics / computer graphics + image texture*
SY *texture, image*
PT computerised pattern recognition
computerised picture processing
pattern recognition
picture processing
RT Gabor filters
natural scenes
realistic images
rendering (computer graphics)
DEU Bildstruktur
DSY Bildtextur

image thinning
BT image processing
SY *image skeletonisation*
image skeletonization
PT image processing
DEU Bildeffekt (dünner)

image thresholding
USE image segmentation

image transmission
USE visual communication

image watermarking
BT watermarking
PT image coding
watermarking
RT copy protection
copyright
data compression
data encapsulation
image coding
image forensics
security of data
steganography
video coding
video watermarking
DEU Bild-Wasserzeichenerzeugung

imagers
USE image sensors

imaging
NT acoustic imaging
biomedical imaging
electric impedance imaging
hyperspectral imaging
infrared imaging
magnetic resonance imaging
microscopy
optical images
radar imaging
radiofrequency imaging
radioisotope imaging
X-ray imaging
RT image processing
image sensors
measurement
remote sensing
tomography
DEU Abbilden
DSY Abbildung
Bildaufnahme
Bilderzeugung
Bildgebung
Bildverarbeitung
Darstellung

imbibition
USE flow through porous media

IMF
USE international finance

IMMA
USE ion microprobe analysis

immersion lithography
BT photolithography
PT photolithography
ultraviolet lithography
RT masks
nanolithography
photoresists
ultraviolet lithography
DEU Immersionslithografie
DSY Immersionslithographie

Immersionslithografie
DEU for immersion lithography

Immersionslithographie
DUS für immersion lithography

immiscibility
USE solubility

immittance measurement, electric
USE electric immittance measurement

immittance, electric
USE electric immittance

Immunitätsprüfung
DEU for immunity testing

immunity testing
BT testing
PT electromagnetic compatibility testing
RT anechoic chambers (electromagnetic)
antenna testing
electromagnetic compatibility
electromagnetic interference
electronic equipment testing
open area test sites
TEM cells
DEU Immunitätsprüfung
DSY Unempfindlichkeitsprüfung
Unempfindlichkeitstest

impact
USE impact (mechanical)

impact (mechanical)
BT dynamics
SY *impact*
mechanical impact
penetration (projectiles)
PT impact
RT armour
ballistics
impact strength
impact testing
DEU Stoß (Schlag)

impact avalanche transit-time diodes
USE IMPATT diodes

impact craters
USE meteorite craters

impact events
USE geophysical catastrophes

impact fusion
USE nuclear fusion

impact ionisation
BT collision processes
high field effects
ionisation
SY *impact ionization*
PT electric breakdown of solids
high field effects
RT avalanche breakdown
semiconductor device breakdown
DEU Stoßionisation

impact ionization
USE impact ionisation

impact phenomena
USE collision processes

impact strength
BT mechanical strength
PT impact (mechanical)
mechanical strength
RT fracture toughness
impact (mechanical)
impact testing
notch strength
DEU Stoßfestigkeit

impact structures
USE meteorite craters

impact testing
BT materials testing
mechanical testing
UF *vehicle crash testing / impact testing* + *vehicle dynamics*
PT materials testing
mechanical testing
RT impact (mechanical)

impact strength
DEU Schlagprüfung

impact toughness
USE fracture toughness

IMPATT amplifiers
BT amplifiers
IMPATT diodes
PT IMPATT diodes
microwave amplifiers
RT injection locked amplifiers
microwave power amplifiers
millimetre wave power amplifiers
radiofrequency power amplifiers
DEU IMPATT-Verstärker

IMPATT devices
DEU IMPATT-Gerät

IMPATT diodes
BT avalanche diodes
transit time devices
NT IMPATT amplifiers
IMPATT oscillators
SY *impact avalanche transit-time diodes*
Read diodes
PT avalanche diodes
transit time devices
RT microwave diodes
millimetre wave diodes
DEU IMPATT-Diode

IMPATT oscillators
BT IMPATT diodes
oscillators
PT IMPATT diodes
microwave oscillators
RT injection locked oscillators
microwave oscillators
millimetre wave oscillators
DEU IMPATT-Oszillator

IMPATT-Diode
DEU for IMPATT diodes

IMPATT-Gerät
DEU for IMPATT devices

IMPATT-Oszillator
DEU for IMPATT oscillators

IMPATT-Verstärker
DEU for IMPATT amplifiers

impedance converters
USE impedance convertors

impedance convertors
BT active networks
convertors
NT negative impedance convertors
SY *active transformers*
impedance converters
impedance transformers
PT active networks
convertors
DEU Impedanzwandler

impedance imaging, electric
USE electric impedance imaging

impedance matching
RT baluns
circuit theory
electric impedance
standing wave meters
transmission lines
waveguides
DEU elektrische Anpassung

impedance matrix
BT electric impedance
matrix algebra
PT electric impedance
matrix algebra
RT antenna theory
network analysis
transmission line theory
waveguide theory
DEU Impedanzmatrix
DSY Scheinwiderstandsmatrix

impedance measurement, electric
USE electric impedance measurement

impedance transformers
USE impedance convertors

impedance, acoustic
USE acoustic impedance

impedance, electric
USE electric impedance

Impedanzmatrix
DEU for impedance matrix

Impedanzwandler
DEU for impedance convertors

impellers
BT machine components
PT pumps
RT blades
propellers
pumps
rotors (mechanical)
DEU Flügelrad

imperfections, crystal
USE crystal defects

impermeability
USE permeability

implantation, ion
USE ion implantation

implants, surgical
USE prosthetics

implosions
USE explosions

importance sampling
BT Monte Carlo methods
sampling methods
PT Monte Carlo methods
RT digital simulation
error statistics
probability
signal sampling
DEU Probenbedeutung
DSY Probengewichtung
Probenwichtigkeit

imports
USE international trade

imprägnierte Isolation
DEU for impregnated insulation

imprägnierte Isolierung
DUS für impregnated insulation

impregnated insulation
BT composite insulating materials
PT composite insulating materials
RT dielectric liquids
insulating oils
paper
power cable insulation
DEU imprägnierte Isolation
DSY imprägnierte Isolierung

Impuls
DEU for momentum

impulsartiger Störung
DEU for impulse noise

impulse generators
USE pulse generators

impulse noise
BT noise
SY *impulsive noise*
PT noise
RT electromagnetic interference
interference suppression
random noise
DEU impulsartiger Störung
DSY impulsive Störung
Impulsrauschen
Impulsstörung
Rauschimpuls
Störrauschen
Störsimpuls
Störspannungsspitze
Stoßrauschen
Stoßstörung
Zündstörung

impulse radio
USE ultra wideband communication

impulse response
USE transient response

impulse testing
BT testing
RT insulation testing
pulse measurement
DEU Impulsprüfung
DSY Impulstest

Impulsformung
DEU for pulse shaping

Impulsformungsschaltkreis
DEU for pulse shaping circuits

Impulsformungsschaltung
DUS für pulse shaping circuits

Impulsgenerator
DEU for pulse generators

impulsive noise
USE impulse noise

impulsive Störung
DUS für impulse noise

Impulskompression
DEU for pulse compression

Impulsmethode
DEU for method of moments

Impulsprüfung
DEU for impulse testing

Impulsrauschen
DUS für impulse noise

Impulsschaltkreis
DEU for pulse circuits

Impulsschaltung
DUS für pulse circuits

Impulsstörung
DUS für impulse noise

Impulstest
DUS für impulse testing

Impulsübertrager
DEU for pulse transformers

Impulsverstärker
DEU for pulse amplifiers

impurities
NT impurity distribution
magnetic impurities
phonon-impurity interactions
plasma impurities
PT crystal impurities
RT chemical analysis
contamination
crystal purification
doping
impurity absorption spectra
impurity states
impurity-defect interactions
inclusions
interstitials
localised modes
segregation
semiconductor doping
surface contamination
DEU Beimengung
DSY Fremdstoff
Störstelle
Unreinheit
Verunreinigung

impurity absorption spectra
BT spectra (general)
PT impurity and defect absorption spectra of inorganic solids
impurity and defect absorption spectra of solids
RT defect absorption spectra
impurities
impurity states
localised modes
DEU Störungsabsorptionsspektrum
DSY Verunreinigungsabsorptionsspektru m

impurity clustering
USE impurity distribution
\+ segregation

impurity distribution
BT impurities
UF *impurity clustering / impurity distribution + segregation*
UF *impurity segregation / impurity distribution + segregation*
PT crystal impurities
semiconductor doping
RT doping profiles
segregation
DEU Störstellenverteilung

impurity electron states
USE impurity states

impurity electron states and effects
DEU Störelektronenzustand und Wirkung
DSY Störstellenelektronenzustand und Wirkung
Verunreinigungselektronenzustand und Wirkung

impurity scattering
BT transport processes
NT Kondo effect
SY *carrier scattering by impurities*
PT electrical conductivity of solid metals and alloys
electrical conductivity of solid semiconductors and insulators
RT electrical conductivity
impurity states
DEU Verschmutzungsstreuung
DSY Verunreinigungsstreuung

impurity segregation
USE impurity distribution
\+ segregation

impurity states
BT localised states
SY *acceptor levels*
UF *deep impurities / deep levels + impurity states*
SY *donor levels*
electron states, impurity
impurity electron states
PT impurity electron states
RT Anderson model
charge compensation
deep level transient spectroscopy
deep levels
defect states
dilute alloys
electron traps
electronic density of states
heavily doped semiconductors
hole traps
impurities
impurity absorption spectra
impurity scattering
Kondo effect
DEU Verunreinigungszustand

impurity vibrational modes
USE localised modes
\+ phonon-impurity interactions

impurity-defect interactions
NT impurity-dislocation interactions
impurity-vacancy interactions
SY *defect-impurity interactions*
PT crystal defects
crystal impurities
RT crystal defects
impurities
DEU Störstellen-Defekt-Wechselwirkung

impurity-dislocation interactions
BT dislocation interactions
impurity-defect interactions
SY *dislocation-impurity interactions*
PT crystal impurities
dislocations
RT dislocation locking
dislocation pinning
DEU Verunreinigungverschiebungswechselwirkung

impurity-phonon interactions
USE phonon-impurity interactions

impurity-vacancy interactions
BT impurity-defect interactions
SY *vacancy-impurity interactions*
PT crystal impurities
vacancies (crystal)
RT vacancies (crystal)
DEU Verunreinigungs-Fehlstellen-Wechselwirkung

IMS-2 interface
USE peripheral interfaces

IMT-2000
USE 3G mobile communication

In (chemical element)
USE indium
DEU In (chemisches Element)

In (chemisches Element)
DEU for In (chemical element)

in-circuit testing
USE integrated circuit testing
\+ printed circuit testing

In-Haus-Umgebung
DEU for indoor environment

in-vehicle communications
USE on-board communications

INAA
USE neutron activation analysis

INADEQUATE
USE nuclear magnetic resonance

incandescent lamps
USE filament lamps

incentive schemes
BT remuneration
SY *bonuses*
merit pay
performance related pay
profit sharing schemes
RT appraisal
employee welfare
productivity
DEU Anreizschema

incineration
BT combustion
waste disposal
UF *afterburners / fuel systems + incineration + jet engines*
SY *incinerators*
UF *refuse incineration / incineration + refuse disposal*
SY *waste incineration*
PT combustion

waste disposal
RT air pollution
ash
combustion equipment
radioactive waste disposal
waste-to-energy power plants
DEU Verbrennen
DSY Verbrennung

incinerators
USE incineration

inclusions
SY *crystal inclusions*
UF *flaws / cracks* + *inclusions* + *voids (solid)*
RT crystal defects
crystal microstructure
elasticity
impurities
stress analysis
DEU Einschluss
DSY Inklusion

inclusive reactions, elementary particle
USE elementary particle inclusive interactions

incoherent light annealing
BT annealing
SY *arc lamp annealing*
flash lamp annealing
halogen lamp annealing
PT annealing
radiation effects
RT radiation effects
rapid thermal annealing
semiconductor technology
DEU Inkohärentlichtglühen

Incoloy
USE chromium alloys
\+ iron alloys
\+ nickel alloys

income tax
USE taxation

incommensurate-commensurate transformations
USE commensurate-incommensurate transformations

Inconel
USE chromium alloys
\+ iron alloys
\+ nickel alloys

incremental compilers
BT program compilers
PT program compilers
DEU Inkrementalcompiler

incremental computers
USE digital differential analysers

incremental encoders
USE analogue-digital conversion
\+ angular measurement
\+ encoding (general)

incremental learning
USE learning (artificial intelligence)

indentation
BT mechanical properties
NT nanoindentation
PT hardness
RT cracks
fracture toughness
hardness
hardness testing
mechanical contact
microhardness
Young's modulus
DEU Eindrücken

independent component analysis
BT statistical analysis
PT statistical analysis
RT blind source separation
feature extraction
learning (artificial intelligence)
neural nets
principal component analysis
signal processing
DEU unabhängige Komponentenanalyse

independent particle model
USE nuclear optical model
\+ nuclear shell model

indeterminacy
USE indeterminancy

indeterminancy
BT quantum theory
SY *indeterminacy*
uncertainty principle
DEU Undeterminiertheit

index of production
USE economic indicators

index terms
USE vocabulary

Indexierung
DEU for indexing

indexing
BT information analysis
NT database indexing
RT hypermedia markup languages
thesauri
DEU Indexierung

indicators
BT instruments
NT maximum-demand indicators
standing wave meters
RT alarm systems
control equipment
data acquisition
digital readout
display instrumentation
meters
signalling
DEU Anzeigeelement
DSY Anzeigegerät
Anzeiger
Zeiger

indium
BT metals
SY *In (chemical element)*
RT indium alloys
indium compounds
DEU Indium

indium alloys
BT alloys
PT indium compounds
RT indium
indium compounds
DEU Indiumlegierung

indium antimonide
USE indium compounds

indium compounds
BT inorganic compounds
SY *indium antimonide*
RT indium
indium alloys
DEU Indiumverbindung

Indiumlegierung
DEU for indium alloys

Indiumverbindung
DEU for indium compounds

Indium
DEU for indium

INDO calculations
BT NDO calculations
NT ZINDO calculations
SY *intermediate neglect of differential overlap calculations*
MRINDO calculations
PNDO calculations
PT molecular orbitals calculations
orbital calculation methods
DEU INDO-Berechnung
DSY INDO-Kalkulation

INDO-Berechnung
DEU for INDO calculations

INDO-Kalkulation
DUS für INDO calculations

indoor communication
BT telecommunication
NT indoor radio
RT home networks
mobile communication
optical communication
optical modulation
DEU Gebäudekommunikation
DSY Innenraumkommunikation

indoor environment
BT environmental factors
RT air conditioning
air pollution
air quality
architectural acoustics
building management systems
building services
clean rooms
HVAC
lighting
noise (working environment)
office environment
respiratory protection
space cooling
space heating
ventilation
DEU In-Haus-Umgebung
DSY Innenraum
Innenumgebung

indoor radio
BT indoor communication
radiocommunication
SY *indoor wireless communication*
PT mobile radio systems
radiowave propagation
RT Bluetooth
digital radio
fading
femtocellular radio
microcellular radio
mobile radio
personal area networks
picocellular radio
radiowave propagation
ultra wideband communication
wireless LAN
DEU Gebäudefunk

indoor radon
USE natural radioactivity hazards
+ radon

indoor wireless communication
USE indoor radio

INDOR
BT double nuclear magnetic resonance
NT nuclear Overhauser effect
SY *internuclear double resonance*
PT nuclear magnetic resonance
DEU INDOR (Zwischenatomare Doppelresonanz)
DSY zwischenatomare Doppelresonanz
zwischenatomare Doppelresonanz (INDOR)

INDOR (Zwischenatomare Doppelresonanz)
DEU for INDOR

induced anisotropy (magnetic)
BT magnetic anisotropy
PT magnetic anisotropy
RT magnetic annealing
DEU angeregte Anisotropie (magnetisch)
DSY induzierte Anisotropie (magnetisch)

induced gas flotation
USE flotation (process)

inductance
BT electromagnetic induction
SY *self inductance*
RT capacitance
coils
electric reactance
inductance measurement
inductors
power factor
DEU Induktanz

inductance measurement
BT electric variables measurement
RT bridge instruments
electric reactance measurement
inductance
DEU Induktivitätsmessung

induction generators
USE asynchronous generators

induction heating
BT electric heating
RT eddy currents
electric furnaces
electromagnetic induction
ovens
process heating
DEU Induktionserwärmung
DSY Induktionsheizung

induction machines
USE asynchronous machines

induction motor drives
BT AC motor drives
induction motors
PT electric drives
induction motors
variable speed drives
RT PWM invertors
variable speed drives
DEU Induktionsantriebsmotor

induction motor protection
BT AC motor protection
induction motors
PT induction motors
machine protection
DEU Induktionsmotorschutz

induction motors
BT AC motors
asynchronous machines
NT induction motor drives
induction motor protection
linear induction motors
squirrel cage motors
SY *asynchronous motors*
hermetic motors
shaded-pole motors
split phase motors

RT capacitor motors
variable speed drives
DEU Induktionsmotor

induction, electromagnetic
USE electromagnetic induction

inductive energy storage
BT energy storage
SY *inductive storage*
PT energy storage
power inductors
RT power inductors
DEU induktiver Energiespeicher

inductive energy transfer
USE inductive power transmission

inductive inference
USE inference mechanisms

inductive learning
USE learning by example

inductive logic programming
BT logic programming
PT logic programming
RT learning by example
DEU induktive Logikprogrammierung

inductive power transmission
BT electromagnetic induction
power transmission
SY *capacitive power transmission*
inductive energy transfer
PT electromagnetic induction
power transmission
RT inductors
transformers
DEU induktive Energieübertragung
DSY magnetische Energieübertragung

inductive sensors
BT electric sensing devices
PT electric sensing devices
RT displacement measurement
eddy current testing
electromagnetic induction
magnetic field measurement
magnetic sensors
position measurement
DEU induktiver Sensor

inductive storage
USE inductive energy storage

inductors
BT reactors (electric)
NT current limiting reactors
power inductors
thick film inductors
thin film inductors
SY *chokes*
RT coils
inductance
inductive power transmission
pulse transformers
resistors
DEU Induktor (Elektrotechnik)

Induktanz
DEU for inductance

Induktionsantriebsmotor
DEU for induction motor drives

Induktionserwärmung
DEU for induction heating

Induktionsheizung
DUS für induction heating

Induktionsmotor
DEU for induction motors

Induktionsmotorschutz
DEU for induction motor protection

induktive Energieübertragung
DEU for inductive power transmission

induktive Logikprogrammierung
DEU for inductive logic programming

induktiver Energiespeicher
DEU for inductive energy storage

induktiver Sensor
DEU for inductive sensors

Induktivitätsmessung
DEU for inductance measurement

Induktor (Elektrotechnik)
DEU for inductors

industrail safety
USE occupational safety

industrial accidents
BT accidents
PT accidents
RT hazardous areas
occupational safety

DEU Betriebsunfall
DSY industrieller Unfall

industrial atmospheres
USE air pollution

industrial computer control
USE industrial control

industrial control
BT computerised control
factory automation
NT numerical control
process control
SY *industrial computer control*
UF *manufacturing automation protocol / factory automation + industrial control + local area networks + protocols*
SY *manufacturing computer control*
UF *MAP / factory automation + industrial control + local area networks + protocols*
RT CAD/CAM
computer integrated manufacturing
controller area networks
field buses
flexible manufacturing systems
industrial engineering
industrial manipulators
industrial robots
industries
manufacturing data processing
manufacturing processes
materials handling
programmable controllers
DEU Industrieautomatisierung

industrial democracy
USE industrial relations

industrial economics
BT microeconomics
NT integrated circuit economics
power system economics
SY *manufacturing economics*
markets (industrial)
production economics
PT economic cybernetics
economics
RT bankruptcy
economies of scale
privatisation
DEU Betriebswirtschaft
DSY gewerbliche Wirtschaft
Industrieökonomie

industrial engineering
BT engineering
RT design
industrial control
industrial plants
industrial training
precision engineering
production engineering
production management
research and development
DEU Fertigungstechnik
DSY Industrial Engineering
Industrieingenieurwesen
industrielle Technik
industrielles Ingenieurverfahren
industrielles Ingenieurwesen

Industrial Engineering
DUS für industrial engineering

industrial heat recovery
USE heat recovery

industrial manipulators
BT industrial robots
manipulators
SY *manipulators, industrial*
PT industrial robots
RT compliance control
end effectors
factory automation
flexible manipulators
industrial control
manipulator dynamics
manipulator kinematics
manufacturing processes
materials handling
remote handling equipment
DEU Industriemanipulator

industrial plants
BT production facilities
SY *plants (industrial)*
RT batch processing (industrial)
industrial engineering
industrial power systems
industries
paper mills
DEU Fabrik (allgemein)
DSY Industrieanlage

industrial pollution
BT pollution
RT air pollution
industrial waste
land pollution
scrubbers (materials handling)
thermal pollution

water pollution
DEU industrielle Verschmutzung
DSY industrielle Verunreinigung
Industrieverschmutzung
Industrieverunreinigung

industrial power systems
BT power systems
PT power systems
RT cogeneration
industrial plants
DEU industrielles Energiesystem

industrial property
BT law
NT copyright
patents
trademarks
UF *intellectual capital / industrial property + knowledge management*
SY *intellectual property*
legal protection of software
protection of software, legal
RT asset management
commercial law
copy protection
image forensics
legislation
product development
reverse engineering
DEU gewerbliches Schutzrecht

industrial psychology
BT psychology
RT employee welfare
human resource management
productivity
psychometric testing
DEU Arbeitspsychologie

industrial relations
BT human resource management
SY *collective bargaining*
industrial democracy
trade unions
RT equal opportunities
DEU betriebliches Vertragswesen
DSY Betriebskollektivverträge
Industriebeziehung
industrielle Beziehungen

industrial research management
USE research and development management

industrial robots
BT robots
NT industrial manipulators
robotic assembly
robotic welding
PT robots
RT automatic guided vehicles
clean rooms
compliance control
flexible manufacturing systems
grippers
industrial control
intelligent robots
manufacturing processes
materials handling
mechatronics
microrobots
mobile robots
robot programming
robot vision
service robots
DEU Industrieroboter

industrial standards
USE standards

industrial training
BT training
RT industrial engineering
multiskilling
on-the-job training
vocational training
DEU betriebliches Training
DSY industrielles Training

industrial waste
BT waste
NT ash
slag
RT effluents
industrial pollution
scrap metal
slurries
waste heat
wastewater
DEU Industrieabfall
DSY Gewerbeabfall
Gewerbemüll
industrieller Abfall
industrieller Müll
Industriemüll

Industrieabfall
DEU for industrial waste

Industrieabwasser
DEU for wastewater

Industrieanlage
DUS für industrial plants

Industrieautomatisierung
DEU for industrial control

Industriebeziehung
DUS für industrial relations

Industrieingenieurwesen
DUS für industrial engineering

industrielle Beziehungen
DUS für industrial relations

industrielle Technik
DUS für industrial engineering

industrielle Verschmutzung
DEU for industrial pollution

industrielle Verunreinigung
DUS für industrial pollution

industrieller Abfall
DUS für industrial waste

industrieller Müll
DUS für industrial waste

industrieller Unfall
DUS für industrial accidents

industrielles Energiesystem
DEU for industrial power systems

industrielles Ingenieurverfahren
DUS für industrial engineering

industrielles Ingenieurwesen
DUS für industrial engineering

industrielles Training
DUS für industrial training

Industriemanipulator
DEU for industrial manipulators

Industriemüll
DUS für industrial waste

Industrieökonomie
DUS für industrial economics

Industrieroboter
DEU for industrial robots

industries
NT construction industry
defence industry
DP industry
electricity supply industry
fishing industry
gas industry
information industry
manufacturing industries
mineral processing industry
mining industry
petroleum industry
pharmaceutical industry
printing industry
quarrying industry
railway industry
telecommunication industry
RT industrial control
industrial plants
DEU Industriezweig

Industrieverschmutzung
DUS für industrial pollution

Industrieverunreinigung
DUS für industrial pollution

Industriezweig
DEU for industries

Industriezweigautomatisierung
DEU for branch automation

induzierte Aberration
DUS für aberrations

induzierte Anisotropie (magnetisch)
DUS für induced anisotropy (magnetic)

inelastic electron tunnelling spectra
USE tunnelling spectra

inelastic electron tunnelling spectroscopy
USE tunnelling spectroscopy

inelastische Entspannung
DEU for anelastic relaxation

inelastische Relaxation
DUS für anelastic relaxation

INEPT
USE nuclear magnetic resonance

inert gas compounds
BT inorganic compounds
NT argon compounds
helium compounds
krypton compounds
neon compounds
radon compounds
xenon compounds
DEU Inertgasverbindung
DSY Schutzgasverbindung

inert gases
NT argon
helium
krypton
neon
radon
xenon
SY *noble gases*
rare gases
DEU Inertgas
DSY Schutzgas

inerte Navigation
DEU for inertial navigation

Inertgas
DEU for inert gases

Inertgasverbindung
DEU for inert gas compounds

inertial confinement fusion
USE fusion reactors
\+ plasma inertial confinement

inertial navigation
BT navigation
PT navigation
RT aircraft navigation
inertial systems
marine navigation
DEU inerte Navigation
DSY Inertial-Navigation
Inertialnavigation
inertielle Navigation
Trägheitsnavigation

inertial systems
BT navigation
PT navigation
RT inertial navigation
DEU Inertialsystem
DSY Inertsystem
Trägheitssystem

Inertial-Navigation
DUS für inertial navigation

Inertialnavigation
DUS für inertial navigation

Inertialsystem
DEU for inertial systems

inertielle Navigation
DUS für inertial navigation

Inertsystem
DUS für inertial systems

inference engines
USE inference mechanisms

inference mechanisms
BT knowledge engineering
NT case-based reasoning
common-sense reasoning
diagnostic reasoning
fuzzy reasoning
model-based reasoning
nonmonotonic reasoning
spatial reasoning
temporal reasoning
SY *abductive inference*
UF *approximate reasoning / inference mechanisms + uncertainty handling*
SY *deductive inference*
UF *Dempster-Shafer theory / inference mechanisms + uncertainty handling*
SY *inductive inference*
inference engines
inference techniques
UF *probabilistic reasoning / inference mechanisms + uncertainty handling*
UF *reasoning / cognition + cognitive systems + inference mechanisms + planning (artificial intelligence)*
PT knowledge engineering
RT backward chaining
belief maintenance
description logic
divide and conquer methods
forward chaining
generalisation (artificial intelligence)
granular computing
reasoning about programs
truth maintenance
uncertainty handling
DEU Inferenzmechanismus

inference techniques
USE inference mechanisms

Inferenzmechanismus
DEU for inference mechanisms

infiltration, melt
USE melt infiltration

infinite dimensional systems
USE multidimensional systems

infinite horizon
BT control theory
RT decision theory
dynamic programming
Markov processes
optimal control
optimisation
DEU unendlicher Horizont

infinite impulse response filters
USE IIR filters

infinite series
USE series (mathematics)

inflammability
USE flammability

inflatable structures
BT shapes (structures)
UF *air bags / aerospace engineering + automotive components + explosive actuated equipment + inflatable structures + road safety*
RT aerospace components
airships
balloons
boats
deployable structures
flexible structures
lightweight structures
parachutes
roofs
structural engineering
thin wall structures
DEU faltbare Form
DSY faltbare Struktur

inflation (cosmological)
USE cosmic acceleration
\+ cosmology

Inflation (Geldwert)
DEU for inflation (monetary)

inflation (monetary)
BT economic indicators
RT deflation (monetary)
economic cycles
investment
DEU Inflation (Geldwert)

Informatik
DUS für computer science

Informatikausbildung
DUS für computer science education

information analysis
BT information science
NT abstracting
cataloguing
citation analysis
classification
indexing
information filtering
text analysis
vocabulary
SY *bibliometrics*
PT information science
RT dictionaries
information centres
information retrieval
information services
information storage
information use
DEU Informationsanalyse

information brokers
USE information industry

information browsing
USE information retrieval

information capacity
USE channel capacity

information centers
USE information centres

information centres
BT information science
SY *information centers*
PT information services
RT information analysis
information services
libraries
DEU Informationszentrum

information dissemination
BT information science
SY *dissemination of information*
SDI

selective dissemination of information
RT document delivery
DEU Informationsverbreitung

information filtering
BT information analysis
information retrieval
NT collaborative filtering
PT information analysis
information retrieval
RT e-mail filters
information filters
question answering (information retrieval)
recommender systems
DEU Informationsfilterung

information filters
BT information retrieval systems
NT recommender systems
SY *Web filters*
PT online front-ends
RT collaborative filtering
e-mail filters
information filtering
information retrieval
online front-ends
question answering (information retrieval)
DEU Informationsfilter

information highways
USE information networks
\+ internetworking
\+ wide area networks

information industry
BT industries
SY *information brokers*
PT information science
RT information science
information services
DEU Informationsindustrie

information infrastructure
USE information networks
\+ internetworking
\+ wide area networks

information literacy
USE information science education

information management
NT competitive intelligence
document handling
information services
records management
RT knowledge management
DEU Informationsmanagement

information navigation
USE information retrieval

information needs
BT information science
PT information use
RT information services
information use
libraries
DEU Informationsbedarf

Information Network System
USE ISDN

information networks
BT information services
wide area networks
NT Internet
UF *information highways / information networks + internetworking + wide area networks*
UF *information infrastructure / information networks + internetworking + wide area networks*
SY *JANET*
PT information services
RT extranets
information resources
internetworking
intranets
search engines
DEU Informationsnetz

information portals
USE portals

information resources
BT information services
NT portals
Web sites
SY *Internet information resources*
newsgroups
PT information networks
Internet
RT computer mediated communication
information networks
Internet
knowledge management
DEU Informationsquellen
DSY Informationsresourcen

information retrieval
BT information science
NT information filtering
query formulation
query processing
question answering (information retrieval)
relevance feedback
SY *CD-ROM searching*
data access
document retrieval
information browsing
information navigation
online literature searching
retrieval, information
UF *signature files / full-text databases + information retrieval*
RT bibliographic systems
Big Data
CD-ROMs
information analysis
information filters
information storage
online front-ends
portals
query languages
recommender systems
records management
software agents
DEU Informationsrecherche
DSY Informationswiedergewinnung

information retrieval languages
USE query languages

information retrieval system evaluation
BT information retrieval systems
DEU Informationsrecherchesystembewer tung

information retrieval systems
BT information science
NT bibliographic systems
factographic databases
full-text databases
information filters
information retrieval system evaluation
online front-ends
search engines
UF *archiving systems / information retrieval systems + records management*
UF *databases, online / information retrieval systems + information services*
SY *information storage systems*
UF *online databases / information retrieval systems + information services*
RT CD-ROMs
digital preservation
information systems
optical publishing
public information systems
DEU Informationsrecherchesystem
DSY Informationswiedergewinnungsystem

information science education
BT education
SY *information literacy*
PT education
information science
RT information science
libraries
DEU Ausbildung in Informationswissenschaften
DSY informationswissenschaftliche Ausbildung

information science
BT computer applications
NT document delivery
information analysis
information centres
information dissemination
information needs
information retrieval
information retrieval systems
information services
information storage
information use
UF *documentation / information science + system documentation*
SY *librarianship*
library science
RT information industry
information science education
language translation
libraries
microforms
publishing
text editing
DEU Informationswissenschaften

information services
BT information management
information science
NT information networks
information resources
UF *bulletin boards / electronic mail + hobby computing + information services*
UF *databases / database management systems + information services*

UF *databases, online / information retrieval systems + information services*
SY *INSPEC*
UF *online databases / information retrieval systems + information services*
SY *online services*
services, information
RT information analysis
information centres
information industry
information needs
libraries
technical support services
teletext
viewdata
DEU Informationsdienst

information storage
BT information science
NT digital preservation
PT information science
RT bibliographic systems
CD-ROMs
information analysis
information retrieval
records management
DEU Datenspeicher

information storage systems
USE information retrieval systems

information systems
BT computer applications
NT database management systems
digital libraries
engineering information systems
geographic information systems
management information systems
medical information systems
personal information systems
public information systems
scientific information systems
traffic information systems
RT information retrieval systems
information technology
strategic planning
systems re-engineering
DEU Informationssystem

information technology
BT technology
RT automation
computer applications
Digital Divide
information systems
telecommunication
DEU Informationstechnik
DSY Informationstechnologie

information theory
NT correlation theory
decoding
encoding (general)
entropy
error statistics
filtering theory
prediction theory
rate distortion theory
SY *Shannon theory*
telecommunication theory
RT acoustic signal processing
bandlimited signals
channel capacity
code convertors
combinatorial mathematics
correlation methods
correlators
cybernetics
data compression
decision theory
decorrelation
digital signals
error correction
error correction codes
error detection
error detection codes
errors
estimation theory
Fourier analysis
frequency agility
game theory
graph theory
Kalman filters
memoryless systems
modulation
network analysers
network synthesis
operations research
optical information processing
predictive control
probability
quantum communication
quantum cryptography
random processes
redundancy
signal detection
signal processing
speech intelligibility
statistics
stochastic processes
switching theory
system theory
systems analysis
teleportation

DEU Informationstheorie

information use
BT information science
RT information analysis
information needs
DEU Informationsnutzung

Informationsanalyse
DEU for information analysis

Informationsbedarf
DEU for information needs

Informationsdienst
DEU for information services

Informationsfilter
DEU for information filters

Informationsfilterung
DEU for information filtering

Informationsindustrie
DEU for information industry

Informationsmanagement
DEU for information management

Informationsnetz
DEU for information networks

Informationsnutzung
DEU for information use

Informationsquellen
DEU for information resources

Informationsrecherche
DEU for information retrieval

Informationsrecherchesystem
DEU for information retrieval systems

Informationsrecherchesystembewertung
DEU for information retrieval system evaluation

Informationsresourcen
DUS für information resources

Informationssystem
DEU for information systems

Informationssystem im Maschinen- und Gerätebau
DEU for engineering information systems

Informationstechnik
DEU for information technology

Informationstechnologie
DUS für information technology

Informationstheorie
DEU for information theory

Informationsverbreitung
DEU for information dissemination

Informationswiedergewinnung
DUS für information retrieval

Informationswiedergewinnungsystem
DUS für information retrieval systems

Informationswissenschaften
DEU for information science

informationswissenschaftliche Ausbildung
DUS für information science education

Informationszentrum
DEU for information centres

infrared astronomical observations
USE infrared astronomy
\+ infrared sources (astronomical)

infrared astronomy
BT astronomy
UF *infrared astronomical observations / infrared astronomy + infrared sources (astronomical)*
SY *IR astronomy*
PT astronomy and astrophysics
RT astronomical spectra
astronomical surveys
infrared sources (astronomical)
submillimetre astronomy
DEU Infrarotastronomie

infrared cirrus
USE infrared sources (astronomical)
\+ interstellar matter

infrared communication
USE optical communication

infrared detectors
BT sensors
SY *infrared sensors*
IR detectors
UF *photovoltaic detectors / infrared detectors + photodetectors*

UF *superconducting infrared detectors / infrared detectors + superconducting photodetectors*
RT bolometers
CCD image sensors
focal planes
laser accessories
lasers
microwave detectors
optical receivers
p-i-n photodiodes
photodetectors
pyroelectric detectors
pyroelectric devices
quantum well devices
radiometers
radiometry
submillimetre wave detectors
superconducting photodetectors
terahertz wave detectors
thermal variables measurement
DEU Infrarotdetektor

infrared imaging
BT imaging
NT focal planes
night vision
UF *biomedical infrared imaging / biomedical optical imaging + infrared imaging*
SY *infrared thermography*
IR imaging
IR thermography
thermal imaging
thermography
RT biomedical optical imaging
hyperspectral imaging
image sensors
microwave imaging
remote sensing
submillimetre wave imaging
terahertz wave imaging
DEU Infrarotbilderzeugung
DSY Infrarotbildgebung

infrared LAN
USE wireless LAN

infrared Mira variables
USE OH-IR stars
\+ variable stars

infrared radiometry
USE radiometry

infrared sensors
USE infrared detectors

infrared sources
BT light sources
SY *IR sources*
RT heat radiation
lasers
submillimetre wave generation
terahertz wave generation
DEU Infrarotstrahlenquelle
DSY Infrarotstrahler
Infrarotstrahlungsquelle

infrared sources (astronomical)
NT BL Lac-type objects
OH-IR stars
UF *Becklin-Neugebauer objects / infrared sources (astronomical) + pre-main-sequence stars + radiosources (astronomical)*
UF *biconical nebulae / circumstellar matter + infrared sources (astronomical) + nebulae + stellar winds*
UF *bipolar nebulae / astrophysical jets + circumstellar matter + infrared sources (astronomical) + nebulae + stellar winds*
SY *cosmic infrared sources*
UF *extreme C stars / circumstellar matter + giant stars + infrared sources (astronomical)*
UF *infrared astronomical observations / infrared astronomy + infrared sources (astronomical)*
UF *infrared cirrus / infrared sources (astronomical) + interstellar matter*
UF *NML Cyg stars / giant stars + infrared sources (astronomical) + supergiant stars*
UF *NML Tau stars / giant stars + infrared sources (astronomical) + supergiant stars*
UF *OH Type I sources / astronomical masers + H II regions + infrared sources (astronomical) + radiosources (astronomical) + stars*
UF *SY For stars / binary stars + giant stars + infrared sources (astronomical) + variable stars*
PT infrared astronomy
RT infrared astronomy
DEU astronomische Infrarotquelle
DSY Infrarotquelle (astronomisch)

infrared spectra
BT spectra (general)
SY *IR spectra*
UF *optical spectra / infrared spectra* + *ultraviolet spectra* + *visible spectra*
PT spectra
RT attenuated total reflection
Fourier transform spectra
Fourier transform spectroscopy
infrared spectroscopy
Raman spectra
terahertz wave spectra
DEU Infrarotspektrum

infrared spectrometers
BT spectrometers
UF *optical spectrometers / infrared spectrometers* + *ultraviolet spectrometers* + *visible spectrometers*
PT infrared spectroscopy
spectrometers
RT Fourier transform spectrometers
Fourier transform spectroscopy
infrared spectroscopy
DEU Infrarot-Spektrometer
DSY Infrarotspektrometer

infrared spectroscopy
BT spectroscopy
SY *IR spectroscopy*
UF *optical spectroscopy / infrared spectroscopy* + *ultraviolet spectroscopy* + *visible spectroscopy*
PT spectroscopy
RT Fourier transform spectra
Fourier transform spectrometers
Fourier transform spectroscopy
infrared spectra
infrared spectrometers
Raman spectroscopy
submillimetre wave spectroscopy
terahertz spectroscopy
DEU Fourier-Transform-Infrarotspektroskopie
DSY Infrarot-Spektroskopie
Infrarotspektographie
Infrarotspektrometer
Infrarotspektrometrie
Infrarotspektrophotometer
Infrarotspektroskopie
Nahinfrarotspektroskopie

infrared telescopes
USE telescopes

infrared thermography
USE infrared imaging

infrared tracking
USE optical tracking

infrared-infrared double resonance
USE optical double resonance

infrared-microwave double resonance
USE microwave-optical double resonance

infrared-radiofrequency double resonance
USE magnetic double resonance
\+ optical double resonance

Infrarot-Spektrometer
DEU for infrared spectrometers

Infrarot-Spektroskopie
DUS für infrared spectroscopy

Infrarotastronomie
DEU for infrared astronomy

Infrarotbilderzeugung
DEU for infrared imaging

Infrarotbildgebung
DUS für infrared imaging

Infrarotdetektor
DEU for infrared detectors

Infrarotquelle (astronomisch)
DUS für infrared sources (astronomical)

Infrarotspektographie
DUS für infrared spectroscopy

Infrarotspektrometer
DUS für infrared spectrometers
infrared spectroscopy

Infrarotspektrometrie
DUS für infrared spectroscopy

Infrarotspektrophotometer
DUS für infrared spectroscopy

Infrarotspektroskopie
DUS für infrared spectroscopy

Infrarotspektrum
DEU for infrared spectra

Infrarotstrahlenquelle
DEU for infrared sources

Infrarotstrahler
DUS für infrared sources

Infrarotstrahlungsquelle
DUS für infrared sources

infrasonic waves
USE acoustic waves

infrastructure as a service
USE cloud computing

Ingenieureinrichtung
DEU for engineering facilities

ingenieurtechnische Computeranwendung
DUS für engineering computing

ingenieurtechnische Rechneranwendung
DUS für engineering computing

Ingenieurwesen
DEU for engineering

Ingenieurweseninformationssystem
DUS für engineering information systems

Ingenieurwissenschaften
DUS für engineering

ingenieurwissenschaftliche Computeranwendung
DUS für engineering computing

ingenieurwissenschaftliche Rechneranwendung
DUS für engineering computing

Ingenieurwissensverarbeitung
DEU for knowledge engineering

ingots
BT shapes (structures)
RT billets
casting
metallurgical industries
moulding
steel manufacture
DEU Barren

Inhalts-Management
DUS für content management

Inhaltsbearbeitung
DUS für content management

Inhaltsverwaltung
DUS für content management

inharmonischer Gittermodus
DEU for anharmonic lattice modes

inheritance
BT abstract data types
PT data structures
object-oriented programming
RT aspect-oriented programming
data encapsulation
object-oriented programming
DEU Vererbung

Inhibitor
DEU for inhibitors

inhibitors
BT chemical products
production materials
NT corrosion inhibitors
RT retardants
DEU Inhibitor

inhomogeneous media
SY *layered media*
nonhomogeneous media
periodic media
stratified media
RT composite materials
electromagnetic wave propagation
electromagnetic wave scattering
random media
seismology
DEU inhomogenes Medium

inhomogenes Medium
DEU for inhomogeneous media

initial value problems
BT boundary-value problems
PT boundary-value problems
DEU Anfangswertproblem
DSY Initialwertproblem

Initialwertproblem
DUS für initial value problems

injection lasers
USE semiconductor lasers

injection locked amplifiers
BT amplifiers
RT IMPATT amplifiers
microwave amplifiers
millimetre wave amplifiers
DEU Injektion-Locked-Verstärker
DSY injektionsgekoppelter Verstärker
Injektionskoppelverstärker
injektionssynchronisierter Verstärker

injection locked oscillators
BT oscillators
RT Gunn oscillators
IMPATT oscillators
microwave oscillators
millimetre wave oscillators
DEU injektions-gekoppelter-Oszillator
DSY injektionsgekoppelter-Oszillator
Injektionskoppeloszillator

injection moulding
BT moulding
SY *powder injection moulding*
PT moulding
RT compression moulding
embossing
DEU Spritzgießverfahren

Injektion-Locked-Verstärker
DEU for injection locked amplifiers

injektions-gekoppelter-Oszillator
DEU for injection locked oscillators

injektionsgekoppelter Verstärker
DUS für injection locked amplifiers

injektionsgekoppelter-Oszillator
DUS für injection locked oscillators

Injektionskoppeloszillator
DUS für injection locked oscillators

Injektionskoppelverstärker
DUS für injection locked amplifiers

injektionssynchronisierter Verstärker
DUS für injection locked amplifiers

injuries
SY *trauma*
RT accidents
patient treatment
wounds
DEU Schaden
DSY Verletzung

ink
BT production materials
RT dyes
pigments
printing
printing industry
DEU Tinte

ink jet printers
BT printers
SY *bubble jet printers*
PT printers
RT ink jet printing
DEU Tintendrucker
DSY Tintenstrahldrucker

ink jet printing
BT printing
RT ink jet printers
liquid phase deposition
spray coating techniques
three-dimensional printing
DEU Tintenstrahldruck

Inklusion
DUS für inclusions

inklusive Wechselwirkung von Elementarpartikeln
DEU for elementary particle inclusive interactions

inklusive Wechselwirkung von Elementarteilchen
DUS für elementary particle inclusive interactions

Inkohärentlichtglühen
DEU for incoherent light annealing

Inkrementalcompiler
DEU for incremental compilers

inland revenue
USE taxation

Innendruck
DUS für pressure

Innendruckversuch
DUS für pressure

Innenhochdruck
DUS für pressure

Innenraum
DUS für indoor environment

Innenraumkommunikation
DUS für indoor communication

Innenschalenionisation
DEU for inner-shell ionisation

Innenumgebung
DUS für indoor environment

inner-shell ionisation
BT ionisation
PT ionisation
RT Auger effect
autoionisation
photoionisation
DEU Innenschalenionisation

innere Reibung
DEU for internal friction

innermolekulare Kraft
DEU for intramolecular forces

innermolekulare Mechanik
DEU for intramolecular mechanics

inners
USE determinants

innovation management
BT research and development management
UF *entrepreneurship / commerce* + *innovation management* + *risk management*
PT research and development management
RT research initiatives
technological forecasting
technology management
DEU Innovationsmanagement

Innovationsmanagement
DEU for innovation management

inorganic acids
USE hydrogen compounds

inorganic compounds
NT actinide compounds
alkali metal compounds
alkaline earth compounds
aluminium compounds
antimony compounds
arsenic compounds
astatine compounds
bismuth compounds
boron compounds
bromine compounds
cadmium compounds
carbon compounds
chlorine compounds
fluorine compounds
gallium compounds
germanium compounds
halides
hydrogen compounds
indium compounds
inert gas compounds
iodine compounds
lead compounds
mercury compounds
mixed valence compounds
nitrogen compounds
oxygen compounds
phosphorus compounds
polonium compounds
rare earth compounds
selenium compounds
silicon compounds
sulphur compounds
tellurium compounds
thallium compounds
tin compounds
transactinide compounds
transition metal compounds
zinc compounds
RT alloys
fullerene compounds
intercalation compounds
metals
organic compounds
organic-inorganic hybrid materials
DEU anorganische Verbindung

inorganic insulating materials
USE insulating materials

inorganic molecule configurations
USE molecular configurations

inorganic polymers
BT polymers
NT geopolymers
RT sulphur compounds
DEU anorganisches Polymer

inorganic-organic hybrid materials
USE organic-inorganic hybrid materials

input-output media (computers)
USE computer peripheral equipment

input-output programs
BT operating systems (computers)
NT device drivers
SY *I/O programs*
DEU Eingabe-Ausgabe-Programm

input-output stability
BT stability
PT stability
DEU Eingabe-Ausgabe-Stabilität

InSAR
USE radar interferometry
\+ synthetic aperture radar

insect control
USE pest control

Inselgefüge
DEU for island structure

insertion reactions
USE association (chemical)

insolubility
USE solubility
DEU Unlöslichkeit

INSPEC
USE information services

inspection
NT automatic optical inspection
RT calibration
coordinate measuring machines
mobile robots
nuclear materials safeguards
product quality
quality control
reliability
standards
testing
DEU Inspektion

Inspektion
DEU for inspection

instability
USE stability

installation
NT computer installation
electrical installation
PT commissioning
RT commissioning
DEU Installation

installation management (computers)
USE DP management

installation, computer
USE computer installation

Installation
DEU for installation

instant messaging
USE electronic messaging

instanton vacuum
USE vacuum (elementary particles)

instationäre Strömung
DEU for pulsatile flow

instruction sets
BT machine oriented languages
UF *very long instruction word machines / instruction sets* + *multiprocessing systems* + *parallel architectures* + *parallel machines*
UF *VLIW machines / instruction sets* + *multiprocessing systems* + *parallel architectures* + *parallel machines*
PT machine oriented languages
RT computer architecture
microprogramming
reduced instruction set computing
DEU Befehlssprache (Maschinenprogrammierung)
DSY Befehlvorrat

Instrument
DUS für instruments

instrument landing systems
BT aircraft landing guidance
SY *ILS*
PT aerospace instrumentation
aircraft instrumentation
ground support systems
RT aerospace instrumentation
air traffic control
aircraft control
aircraft instrumentation
airports (structures)

ground support systems
microwave landing systems
radionavigation
DEU Instrumentenlandesystem

instrument transformers
BT transformers
PT instrumentation
transformers
RT instrumentation
DEU Messwandler

instrumental neutron activation analysis
USE neutron activation analysis

instrumentation
NT aerospace instrumentation
computerised instrumentation
digital instrumentation
display instrumentation
instruments
nuclear instrumentation
signal processing equipment
UF *apparatus / instrumentation* + *instruments* + *laboratory techniques*
RT instrument transformers
instrumentation amplifiers
laboratory techniques
measurement systems
physical instrumentation control
signal generators
signal sources
DEU Instrumentierung (Prozessführung)

instrumentation amplifiers
BT differential amplifiers
PT differential amplifiers
RT instrumentation
operational amplifiers
DEU Instrumentenverstärkung
DSY Messverstärker

instrumentation buses
USE field buses

Instrumente des Flugzeugs
DUS für aircraft instrumentation

Instrumentenlandesystem
DEU for instrument landing systems

Instrumentenverstärkung
DEU for instrumentation amplifiers

Instrumentierung (Prozessführung)
DEU for instrumentation

instruments
BT instrumentation
NT astronomical instruments
balances
bridge instruments
clocks
collimators
compasses
diffractometers
endoscopes
gauges
gyroscopes
Hall effect transducers
indicators
interferometers
meters
microscopes
optical instruments
piezoelectric transducers
portable instruments
pressure transducers
recorders
sensors
spectrometers
telescopes
theodolites
UF *apparatus / instrumentation* + *instruments* + *laboratory techniques*
SY *measuring instruments*
RT calibration
controllers
geophysical equipment
laboratory techniques
measurement
measurement systems
metering
nonelectric sensing devices
recording
DEU Armatur (allgemein)
DSY Instrument
Werkzeug

insulated gate bipolar transistors
BT transistors
SY *COMFET*
GEMFET
IGBT
IGT
PT bipolar transistors
insulated gate field effect transistors
RT bipolar transistors
insulated gate field effect transistors

power bipolar transistors
power semiconductor switches
power transistors
DEU IGBT (Insulated Gate Bipolar Transistor)

insulated gate field effect transistors
BT field effect transistors
NT MISFET
SY *HEXFET*
IGFET
PT field effect transistors
RT insulated gate bipolar transistors
ion sensitive field effect transistors
thin film transistors
DEU Isolierschicht-FET

insulated wires
BT wires (electric)
RT insulating coatings
DEU isolierter Draht

insulating coatings
BT coatings
insulating materials
RT insulated wires
insulating thin films
lacquers
varnish
waxes
DEU Isolationsbeschichtung
DSY Isolierbeschichtung
isolierende Beschichtung
Isolierschicht

insulating materials
BT insulation
materials
NT ceramic insulation
composite insulating materials
insulating coatings
insulating thin films
mica
organic insulating materials
thermal insulating materials
SY *inorganic insulating materials*
RT arcs (electric)
asbestos
dielectric devices
dielectric materials
electric strength
electrical faults
gaseous insulation
glass
insulators
partial discharge measurement
permittivity
semiconductor-insulator
boundaries
surface discharges
varnish
DEU Isolationsmaterial
DSY Isolationswerkstoff

insulating materials, acoustic
USE noise abatement

insulating materials, thermal
USE thermal insulating materials

insulating oils
BT dielectric liquids
oils
organic insulating materials
NT oil filled cables
transformer oil
RT cable insulation
impregnated insulation
oil circuit breakers
power cable insulation
silicone insulation
silicones
DEU Isolatorenöl
DSY Isolieröl

insulating thin films
BT insulating materials
thin films
PT thin films
RT dielectric thin films
high-k dielectric thin films
insulating coatings
low-k dielectric thin films
polymer films
DEU Isolationsdünnschicht
DSY isolierende Dünnschicht

insulation
NT cable insulation
gaseous insulation
insulating materials
insulation co-ordination
insulation testing
insulators
machine insulation
substation insulation
switchgear insulation
thermal insulation
transformer insulation
vacuum insulation
SY *electrical insulation*
RT arcs (electric)
corona
dielectric materials
discharges (electric)
electric breakdown

electric strength
electrical faults
permittivity
pulsed power technology
surface discharges
DEU Isolation (elektrisch)
DSY Isolierung (elektrisch)

insulation co-ordination
BT insulation
RT arresters
lightning protection
overvoltage protection
power system planning
DEU Isolationskoordinierung

insulation testing
BT insulation
testing
NT insulator testing
UF *tracking (insulation) / insulation testing + surface discharges*
RT cable testing
electric breakdown
electric strength
fault location
impulse testing
machine insulation
partial discharge measurement
pulsed electroacoustic methods
transformer insulation
trees (electrical)
DEU Isolationsprüfung

insulation, thermal
USE thermal insulation

insulator contamination
BT insulators
SY *polluted insulators*
PT insulators
RT air pollution
ceramic insulators
composite insulators
environmental factors
epoxy insulators
flashover
insulator testing
polymer insulators
porcelain insulators
silicone rubber insulators
surface discharges
DEU Isolatorkontamination
DSY Isolatorverunreinigung

insulator testing
BT insulation testing
insulators
PT insulation testing
insulators
RT ceramic insulators
composite insulators
epoxy insulators
flashover
insulator contamination
polymer insulators
porcelain insulators
silicone rubber insulators
surface discharges
DEU Isolatorprüfung
DSY Isolatortest

insulator-metal boundaries
USE metal-insulator boundaries

insulator-semiconductor boundaries
USE semiconductor-insulator boundaries

insulators
BT insulation
NT bushings
ceramic insulators
composite insulators
insulator contamination
insulator testing
polymer insulators
porcelain insulators
silicone rubber insulators
RT de-icing
electrical faults
insulating materials
power systems
supports
surface discharges
DEU Isolator

insurance
BT finance
NT insurance data processing
PT financial administrative data processing
RT mortgage processing
risk management
warranties
DEU Versicherung

insurance data processing
BT financial data processing
insurance
PT financial administrative data processing
DEU Versicherungsdatenverarbeitung

intake systems (machines)
BT machine components
RT carburettors
engines
fuel systems
DEU Ansaugsystem (Maschine)

integer programming
BT dynamic programming
PT linear programming
mathematical programming
DEU ganzzahlige Programmierung

integral equations
BT equations
mathematical analysis
NT boundary integral equations
electric field integral equations
Fredholm integral equations
integro-differential equations
magnetic field integral equations
Volterra equations
SY *Wiener Hopf theory*
RT calculus
method of moments
numerical analysis
DEU Integralgleichung

integral transforms
USE transforms

Integral-Differential-Gleichung
DEU for integro-differential equations

Integral-Differenzial-Gleichung
DUS für integro-differential equations

Integralgleichung
DEU for integral equations

integrated circuit bonding
BT bonding processes
integrated circuit technology
NT wafer bonding
PT integrated circuit technology
RT flip-chip devices
hybrid integrated circuits
integrated circuit interconnections
integrated circuit packaging
lead bonding
microassembling
surface mount technology
DEU Schaltungsbonden

integrated circuit design
BT design
network synthesis
NT integrated circuit layout
RT circuit CAD
circuit layout CAD
circuit optimisation
clock distribution networks
design engineering
design for manufacture
design for testability
electronic design automation
integrated circuit modelling
integrated circuit technology
logic design
low-power electronics
system-on-chip
technology CAD (electronics)
VLSI
DEU Entwurf integrierter Schaltkreise
DSY Entwurf integrierter Schaltungen

integrated circuit economics
BT industrial economics
integrated circuit manufacture
PT economics
integrated circuit manufacture
RT electronics industry
integrated circuit yield
DEU Bauelementewirtschaft (Elektronik)
DSY Elektronikbauelementewirtschaft
Elektronikwirtschaft
Schaltkreiswirtschaft
Schaltungswirtschaft

integrated circuit fabrication
USE integrated circuit manufacture
+ integrated circuit technology

integrated circuit interconnections
BT integrated circuit technology
interconnections
UF *circuit power distribution / integrated circuit interconnections + interconnections + printed circuit interconnections*
SY *integrated circuit power distribution*
UF *power distribution (circuits) / integrated circuit interconnections + interconnections + printed circuit interconnections*
PT integrated circuit technology
metallisation
RT electromigration
integrated circuit bonding
integrated circuit metallisation
integrated circuit packaging
low-k dielectric thin films
network-on-chip
optical interconnections

planarisation
radiofrequency interconnections
superconducting interconnections
system-in-package
system-on-package
three-dimensional integrated circuits
vias
DEU Verbindung integrierter Schaltungen

integrated circuit layout
BT circuit layout
integrated circuit design
PT circuit layout CAD
circuit layout
RT circuit layout CAD
logic CAD
network routing
DEU Gestaltung integrierter Schaltkreise
DSY Gestaltung integrierter Schaltungen
Layout integrierter Schaltkreise
Layout integrierter Schaltungen

integrated circuit manufacture
BT electron device manufacture
NT integrated circuit economics
integrated circuit yield
UF *integrated circuit fabrication / integrated circuit manufacture + integrated circuit technology*
RT clean rooms
cluster tools
design for manufacture
integrated circuit technology
integrated circuits
masks
microassembling
photolithography
semiconductor industry
DEU Fertigung integrierter Schaltungen
DSY Herstellung integrierter Schaltungen
Integrierte-Schaltungs-Fertigung
Integrierte-Schaltungs-Herstellung
Integrierte-Schaltungs-Produktion
Integrierte-Schaltungsfertigung
Integrierte-Schaltungsherstellung
Integrierte-Schaltungsproduktion
Produktion integrierter Schaltungen
Schaltkreisfertigung (integrierte Schaltung)
Schaltkreisherstellung (integrierte Schaltung)
Schaltkreisproduktion (integrierte Schaltung)

integrated circuit measurement
BT integrated circuit technology measurement
SY *integrated circuit metrology*
PT integrated circuit technology
integrated circuit testing
RT integrated circuit testing
lithography
semiconductor device measurement
spatial variables measurement
DEU Messen integrierter Schaltkreise

integrated circuit metallisation
BT integrated circuit technology metallisation
PT integrated circuit technology metallisation
RT electromigration
integrated circuit interconnections
integrated circuit reliability
low-k dielectric thin films
planarisation
semiconductor device metallisation
DEU Metallisieren integrierter Schaltungen

integrated circuit metrology
USE integrated circuit measurement

integrated circuit modelling
BT modelling
RT integrated circuit design
integrated circuit technology
semiconductor device models
semiconductor process modelling
DEU Modellierung integrierter Schaltungen

integrated circuit noise
BT circuit noise
RT integrated circuit technology
semiconductor device noise
DEU Intergrierte-Schaltungs-Rauschen
DSY Intergrierte-Schaltungsrauschen
Rauschen integrierter Schaltungen
Schaltungsrauschen (integrierte Schaltung)

integrated circuit packaging
BT electronics packaging
integrated circuit technology
NT chip scale packaging
system-in-package
system-on-package
wafer level packaging

SY *chip carriers*
PT integrated circuit technology
multichip modules
packaging
surface mount technology
RT ball grid arrays
ceramic packaging
chip-on-board packaging
integrated circuit bonding
integrated circuit interconnections
multichip modules
plastic packaging
semiconductor device packaging
surface mount technology
thermal management (packaging)
three-dimensional integrated circuits
DEU Schaltungspackung

integrated circuit power distribution
USE integrated circuit interconnections

integrated circuit process simulation
USE semiconductor process modelling

integrated circuit production

integrated circuit reliability
BT circuit reliability
UF *built-in self-repair / built-in self test* + *integrated circuit reliability*
PT circuit reliability
RT electromigration
integrated circuit metallisation
integrated circuit yield
negative bias temperature instability
semiconductor device reliability
DEU Zuverlässigkeit integrierter Schaltungen

integrated circuit technology
BT technology
NT clean rooms
integrated circuit bonding
integrated circuit interconnections
integrated circuit measurement
integrated circuit metallisation
integrated circuit packaging
isolation technology
semiconductor process modelling
UF *integrated circuit fabrication / integrated circuit manufacture* + *integrated circuit technology*
RT beam-lead devices
BIMOS integrated circuits
biomolecular electronics
buried layers
chemical mechanical polishing
cluster tools
electron beam lithography
electron resists
electrostatic discharge
flip-chip devices
focused ion beam technology
getters
high-k dielectric thin films
integrated circuit design
integrated circuit manufacture
integrated circuit modelling
integrated circuit noise
integrated circuit yield
integrated circuits
integrated optoelectronics
ion beam lithography
lead bonding
lithography
metallisation
micromachining
micromechanical devices
molecular electronics
multichip modules
nanoelectronics
nanotechnology
optical interconnections
photolithography
photoresists
rapid thermal annealing
rapid thermal processing
resists
reticles
semiconductor industry
semiconductor technology
SIMOX
SPICE
substrates
surface mount technology
tape automated bonding
three-dimensional integrated circuits
ultraviolet lithography
VLSI
X-ray lithography
DEU integrierte Schaltungstechnologie

integrated circuit testing
BT circuit testing
UF *in-circuit testing / integrated circuit testing* + *printed circuit testing*
RT automatic test pattern generation
boundary scan testing
built-in self test
design for testability
electron beam testing
fault simulation
integrated circuit measurement

integrated circuits
life testing
OBIC (optical beam induced currents)
DEU Prüfung integrierter Schaltungen

integrated circuit yield
BT integrated circuit manufacture
PT integrated circuit manufacture
integrated circuit technology
RT circuit optimisation
integrated circuit economics
integrated circuit reliability
integrated circuit technology
semiconductor technology
VLSI
DEU Schaltungswirtschaftsertrag
DSY Schaltungswirtschaftsgewinn

integrated circuits
BT networks (circuits)
NT analogue integrated circuits
digital integrated circuits
high-speed integrated circuits
hybrid integrated circuits
integrated optoelectronics
monolithic integrated circuits
power integrated circuits
radiofrequency integrated circuits
superconducting integrated circuits
thick film circuits
thin film circuits
SY *IC*
microcircuits
microelectronics
RT cryogenic electronics
high-temperature electronics
integrated circuit manufacture
integrated circuit technology
integrated circuit testing
masks
modules
radiation hardening (electronics)
semiconductor devices
substrates
thick films
DEU integrierte Schaltung

integrated control systems
USE centralised control

integrated horn antennas
USE horn antennas

integrated injection logic
BT logic
SY *I²L*
merged-transistor logic
MTL
PT integrated logic circuits
RT bipolar integrated circuits
digital integrated circuits
large scale integration
logic circuits
DEU integrierte Injektionslogik

integrated logic circuits
BT digital integrated circuits
logic circuits
NT BiCMOS logic circuits
bipolar logic circuits
field effect logic circuits
logic arrays
UF *macrocells / cellular arrays + integrated logic circuits + logic arrays*
PT digital integrated circuits
logic circuits
RT application specific integrated circuits
asynchronous circuits
cellular arrays
combinational circuits
decision circuits
direct coupled FET logic
multivalued logic circuits
DEU integrierte Logikschaltung
DSY integrierter Logikschaltkreis

integrated manufacturing systems
BT manufacturing systems
PT computer integrated manufacturing
RT CAD/CAM
computer integrated manufacturing
intelligent manufacturing systems
DEU integriertes Fertigungssystem

integrated memory circuits
BT digital integrated circuits
semiconductor storage
NT BiCMOS memory circuits
bipolar memory circuits
DRAM chips
field effect memory circuits
SRAM chips
PT digital integrated circuits
semiconductor storage devices
RT application specific integrated circuits
EPROM
ferroelectric storage
flash memories

PROM
random-access storage
read-only storage
storage management chips
DEU integrierte Speicherschaltung

integrated optics
BT optics
NT optical planar waveguides
UF *geodesic lenses / integrated optics + lenses*
SY *photonic integrated circuits*
PT optics
RT arrayed waveguide gratings
coupled mode analysis
distributed Bragg reflector lasers
distributed Bragg reflectors
distributed feedback lasers
gradient index optics
integrated optoelectronics
laser beam applications
micro-optics
micro-optomechanical devices
nanophotonics
optical deflectors
optical directional couplers
optical films
optical interconnections
optical modulation
optical sensors
optical waveguides
semiconductor lasers
thermo-optical devices
waveguide lasers
waveguide polarisers
DEU integrierte Optik

integrated optoelectronic circuits
USE integrated optoelectronics

integrated optoelectronics
BT integrated circuits
optoelectronic devices
SY *integrated optoelectronic circuits*
OEIC
optoelectronic integrated circuits
PT monolithic integrated circuits
optoelectronic devices
RT high-speed integrated circuits
integrated circuit technology
integrated optics
JFET integrated circuits
light emitting diodes
liquid crystal on silicon
micro-optics
micro-optomechanical devices
microwave photonics
monolithic integrated circuits
optical backplanes
optical communication equipment
optical interconnections
optical receivers
optical transceivers
p-i-n photodiodes
photodetectors
photodiodes
photothyristors
phototransistors
semiconductor lasers
smart pixels
DEU integrierte Optoelektronik

integrated plant control
USE centralised control

integrated project support environments
USE project support environments

integrated services digital network
USE ISDN

integrated services networks
USE IntServ networks

integrated software
BT computer software
SY *software integration*
UF *windowing / integrated software + multiprogramming + user interfaces*
PT administrative data processing
computer software
RT administrative data processing
customer relationship management
database management systems
electronic data interchange
office automation
software packages
word processing
DEU integrierte Software
DSY integriertes Programmpaket
intergriertes Softwaresystem

integrated vacuum devices
USE vacuum microelectronics

integrated voice/data communication
BT data communication
voice communication
NT ISDN
PT data communication
voice communication
RT multimedia communication
DEU integrierte Spach-Daten-Kommunikation

integrating circuits
BT networks (circuits)
SY *integrators*
RT analogue computer circuits
sampled data circuits
DEU Integrator-IC

integrating spheres
USE photometry

integration
BT calculus
SY *quadrature (numerical)*
RT method of moments
numerical analysis
predictor-corrector methods
DEU Integration (Mathematik)

Integration (Mathematik)
DEU for integration

Integrator-IC
DEU for integrating circuits

integrators
USE integrating circuits

integrierte analoge Feldeffektschaltung
DUS für field effect analogue integrated circuits

integrierte BIMOS-Schaltung
DEU for BIMOS integrated circuits

integrierte CMOS-Schaltung
DEU for CMOS integrated circuits

integrierte digitale CMOS-Schaltung
DEU for CMOS digital integrated circuits

integrierte digitale Feldeffektschaltung
DUS für field effect digital integrated circuits

integrierte digitale MOS-Schaltung
DEU for MOS digital integrated circuits

integrierte Feldeffektschaltung
DEU for field effect integrated circuits

integrierte Halbleiterschaltung
DEU for monolithic integrated circuits

integrierte HEMT-Schaltung
DEU for HEMT integrated circuits

integrierte Hochfrequenzschaltung
DEU for radiofrequency integrated circuits

integrierte Hochgeschwindigkeitsschaltung
DEU for high-speed integrated circuits

integrierte Injektionslogik
DEU for integrated injection logic

integrierte JFET-Schaltung
DEU for JFET integrated circuits

integrierte Logikschaltung
DEU for integrated logic circuits

integrierte Mikrowellenschaltung
DEU for microwave integrated circuits

integrierte MOS-Schaltung
DEU for MOS integrated circuits

integrierte MOSFET-Schaltung
DEU for MESFET integrated circuits

integrierte Optik
DEU for integrated optics

integrierte Optoelektronik
DEU for integrated optoelectronics

integrierte Schaltung
DEU for integrated circuits

integrierte Schaltungstechnologie
DEU for integrated circuit technology

integrierte Software
DEU for integrated software

integrierte Spach-Daten-Kommunikation
DEU for integrated voice/data communication

integrierte Speicherschaltung
DEU for integrated memory circuits

integrierte Submillimeterwellenschaltung
DEU for submillimetre wave integrated circuits

integrierte UHF-Schaltung
DEU for UHF integrated circuits

integrierte Ultrahochfrequenzschaltung
DUS für UHF integrated circuits

Integrierte-Schaltungs-Fertigung
DUS für integrated circuit manufacture

Integrierte-Schaltungs-Herstellung
DUS für integrated circuit manufacture

Integrierte-Schaltungs-Produktion
DUS für integrated circuit manufacture

Integrierte-Schaltungsfertigung
DUS für integrated circuit manufacture

Integrierte-Schaltungsherstellung
DUS für integrated circuit manufacture

Integrierte-Schaltungsproduktion
DUS für integrated circuit manufacture

integrierter analoger Feldeffektschaltkreis
DUS für field effect analogue integrated circuits

integrierter BIMOS-Schaltkreis
DUS für BIMOS integrated circuits

integrierter CMOS-Schaltkreis
DUS für CMOS integrated circuits

integrierter digitaler CMOS-Schaltkreis
DUS für CMOS digital integrated circuits

integrierter digitaler Feldeffektschaltkreis
DUS für field effect digital integrated circuits

integrierter digitaler MOS-Schaltkreis
DUS für MOS digital integrated circuits

integrierter Feldeffektschaltkreis
DUS für field effect integrated circuits

integrierter HEMT-Schaltkreis
DUS für HEMT integrated circuits

integrierter Hochgeschwindigkeitsschaltkreis
DUS für high-speed integrated circuits

integrierter JFET-Schaltkreis
DUS für JFET integrated circuits

integrierter Logikschaltkreis
DUS für integrated logic circuits

integrierter MOS-Schaltkreis
DUS für MOS integrated circuits

integrierter MOSFET-Schaltkreis
DUS für MESFET integrated circuits

integrierter Submillimeterwellenschaltkreis
DUS für submillimetre wave integrated circuits

integrierter Supraleitungsschaltkreis
DEU for superconducting integrated circuits

integrierter UHF-Schaltkreis
DUS für UHF integrated circuits

integrierter Ultrahochfrequenzschaltkreis
DUS für UHF integrated circuits

integriertes Fertigungssystem
DEU for integrated manufacturing systems

integriertes Millimeterwellenbauelement
DEU for millimetre wave integrated circuits

integriertes Programmpaket
DUS für integrated software

integrity, data
USE data integrity

integro-differential equations
BT differential equations
integral equations
NT Boltzmann equation
Fokker-Planck equation
Liouville equation
master equation
Vlasov equation
SY *BBGKY equation*
Bogoliubov-Born-Green-Kirkwood-Yvon equation
PT differential equations
integral equations
RT Volterra equations
DEU Integral-Differential-Gleichung
DSY Integral-Differenzial-Gleichung

intellectual capital
USE industrial property
\+ knowledge management

intellectual property
USE industrial property

intellectual property blocks
USE logic circuits
\+ microprocessor chips

intellectual property cores
USE logic circuits
\+ microprocessor chips

intelligence, artificial
USE artificial intelligence

intelligent actuators
BT actuators
SY *smart actuators*
PT actuators
electric actuators
RT electric actuators
electroactive polymer actuators
intelligent control
intelligent sensors
mechatronics
DEU intelligenter Aktuator
DSY intelligenter Betätiger
intelligenter Stellantrieb
intelligentes Stellglied
intelligentes Stellsystem

intelligent agent interaction
USE cooperative systems

intelligent buildings
USE building management systems
\+ factory automation
\+ home automation
\+ office automation

intelligent control
BT computerised control
knowledge based systems
NT intelligent robots
neurocontrollers
PT computerised control
knowledge based systems
RT adaptive control
aerospace expert systems
collision avoidance
fuzzy control
intelligent actuators
intelligent sensors
intelligent structures
DEU intelligente Regelung

intelligent databases
USE deductive databases

intelligent design assistants
BT CAD
expert systems
SY *ICAD*
IDA
PT expert systems
DEU intelligenter Designassistent
DSY intelligenter Entwurfsassistent

intelligent knowledge based systems
USE knowledge based systems

intelligent manufacturing systems
BT manufacturing systems
RT integrated manufacturing systems
DEU intelligentes Fertigungssystem

intelligent materials
BT materials
SY *smart materials*
RT biomimetics
composite materials
electrorheology
intelligent structures
magnetorheology
piezoelectric materials
polymer gels
shape memory effects
DEU intelligenter Werkstoff
DSY intelligentes Material

intelligent networks
BT telecommunication networks
UF *VI&P communication / intelligent networks + personal communication networks + visual communication*
UF *visual, intelligent and personal communication / intelligent networks + personal communication networks + visual communication*
PT telecommunication networks
RT data communication
digital communication
telecommunication services
telecommunication switching
DEU intelligentes Netz

intelligent robots
BT intelligent control
robots
PT intelligent control
RT industrial robots
robot vision

DEU intelligenter Roboter

intelligent sensors
BT sensors
SY *embedded sensors*
smart sensors
smart skins
PT electric sensing devices
fibre optic sensors
RT electric sensing devices
electronic noses
fibre optic sensors
intelligent actuators
intelligent control
intelligent structures
mechatronics
DEU intelligenter Sensor

intelligent structures
SY *smart structures*
RT biomimetics
flexible structures
intelligent control
intelligent materials
intelligent sensors
mechatronics
DEU intelligente Struktur
DSY intelligentes Bauelement
Smart-Struktur

intelligent transportation systems
BT roads
traffic control
SY *automated highways*
intelligent vehicle highway systems
ITS (intelligent transport systems)
IVHS
RT driver information systems
rail traffic
road pricing (tolls)
road safety
road traffic
road traffic control
road vehicles
traffic engineering computing
DEU intelligentes Transportsystem

intelligent tutoring systems
BT computer aided instruction
knowledge based systems
SY *ICAI*
ITS (intelligent tutoring systems)
PT computer aided instruction
knowledge based systems
DEU intelligentes Unterrichtssystem
DSY intelligentes Unterrichtungssystem

intelligent vehicle highway systems
USE intelligent transportation systems

intelligente Bekleidung
DUS für wearable computers

intelligente Regelung
DEU for intelligent control

intelligente Stromversorgung
DEU for smart power grids

intelligente Struktur
DEU for intelligent structures

intelligenter Aktuator
DEU for intelligent actuators

intelligenter Betätiger
DUS für intelligent actuators

intelligenter Designassistent
DEU for intelligent design assistants

intelligenter Entwurfsassistent
DUS für intelligent design assistants

intelligenter Roboter
DEU for intelligent robots

intelligenter Sensor
DEU for intelligent sensors

intelligenter Stellantrieb
DUS für intelligent actuators

intelligenter Werkstoff
DEU for intelligent materials

intelligenter Zähler
DEU for smart meters

intelligentes Bauelement
DUS für intelligent structures

intelligentes Fertigungssystem
DEU for intelligent manufacturing systems

intelligentes Material
DUS für intelligent materials

intelligentes Netz
DEU for intelligent networks

intelligentes Stellglied
DUS für intelligent actuators

intelligentes Stellsystem
DUS für intelligent actuators

intelligentes Stromnetz
DUS für smart power grids

intelligentes Transportsystem
DEU for intelligent transportation systems

intelligentes Unterrichtssystem
DEU for intelligent tutoring systems

intelligentes Unterrichtungssystem
DUS für intelligent tutoring systems

intelligibility, speech
USE speech intelligibility

Intensitätsmessung
DEU for intensity measurement

Intensitätsmodulation
DEU for intensity modulation

intensity measurement
BT measurement
NT acoustic intensity measurement
RT photometry
DEU Intensitätsmessung

intensity modulation
BT modulation
RT electro-optical modulation
optical modulation
DEU Intensitätsmodulation

inter-computer links
BT computer networks
SY *dial-up links*
micro-mainframe links
microcomputer-mainframe links
PT computer communications software
computer networks
data communication systems
RT computer communications software
data communication
data communication equipment
telecommunication links
DEU Computer-Computerverbindung
DSY Computerverlinkung
Rechner-zu-Rechnerverbindung
Rechnerverlinkung

interacting binary stars
USE binary stars
\+ cataclysmic binary stars
\+ eclipsing binary stars
\+ X-ray binary stars

interacting boson approximation
BT nuclear collective model
SY *IBA*
IBM
interacting boson model
PT nuclear collective model
DEU gegenseitige Bosonennäherung

interacting boson model
USE interacting boson approximation

interacting control systems
USE multivariable control systems

interacting galaxies
USE galaxies

interactive devices
BT computer peripheral equipment
NT brain-computer interfaces
keyboards
light pens
mouse controllers (computers)
UF *digital paper / interactive devices + office automation*
SY *interactive white boards*
joysticks
trackballs
PT computer peripheral equipment
RT augmented reality
force feedback
haptic interfaces
human computer interaction
interactive terminals
touch sensitive screens
user interfaces
DEU interaktives Gerät

interactive programming
BT programming
SY *dialog programming*
dialogue programming
online programming
programming, interactive
PT programming
RT interactive systems
interactive terminals
user interfaces
DEU interaktive Programmierung

interactive systems
NT interactive television
interactive video
virtual reality
SY *dialog systems*
dialogue systems
PT interactive programming
interactive terminals
RT CAD
computer graphics
interactive programming
interactive terminals
online operation
user interfaces
DEU interaktives System

interactive television
BT interactive systems
television
PT cable television
interactive systems
television systems
RT cable television
digital video broadcasting
interactive video
set-top boxes
video on demand
video servers
DEU interaktives Fernsehen

interactive terminals
BT computer peripheral equipment
NT remote consoles
SY *computer terminals*
teletypes
terminals, interactive
UF *VDT / computer displays +*
interactive terminals
PT computer peripheral equipment
RT computer graphic equipment
engineering workstations
executive workstations
interactive devices
interactive programming
interactive systems
mouse controllers (computers)
network computers
point of sale systems
telecommunication terminals
workstations
DEU Dialoggerät

interactive video
BT interactive systems
NT video on demand
PT interactive systems
video and audio discs
RT audio-visual systems
computer aided instruction
interactive television
multimedia systems
video discs
video servers
video tape recorders
DEU interaktives Video

interactive white boards
USE interactive devices

interaktive intelligente Umgebung
DEU for ambient intelligence

interaktive Programmierung
DEU for interactive programming

interaktives Fernsehen
DEU for interactive television

interaktives Gerät
DEU for interactive devices

interaktives System
DEU for interactive systems

interaktives Video
DEU for interactive video

interatomic potentials
USE potential energy functions

intercalated graphite
USE graphite intercalation compounds

intercalation compounds
NT graphite intercalation compounds
RT fullerene compounds
inorganic compounds
nanocomposites
synthetic metals
DEU Einlagerungs-Komposit
DSY Einlagerungsverbindung
Interkalations-Komposit
Interkalationsverbindung

intercarrier interference
BT interference (signal)
RT interference suppression
OFDM modulation
radiofrequency interference
DEU Interträgerinterferenz
DSY Zwischenträgerinterferenz

interchannel interference
USE adjacent channel interference

interconnected power systems
USE power system interconnection

interconnected systems
BT large-scale systems
NT cascade systems
power system interconnection
PT large-scale systems
RT distributed control
hierarchical systems
interconnections
DEU verbundenes System
DSY verknüpftes System
vernetztes System

interconnection networks, multiprocessor
USE multiprocessor interconnection networks

interconnections
NT integrated circuit interconnections
optical interconnections
printed circuit interconnections
radiofrequency interconnections
superconducting interconnections
UF *circuit power distribution / integrated circuit interconnections + interconnections + printed circuit interconnections*
UF *power distribution (circuits) / integrated circuit interconnections + interconnections + printed circuit interconnections*
RT interconnected systems
LAN interconnection
multiprocessor interconnection networks
multistage interconnection networks
power system interconnection
vias
DEU Interkonnektion

interdiffusion
USE chemical interdiffusion

interdigital transducers
BT piezoelectric transducers
SY *IDT*
PT piezoelectric transducers
surface acoustic wave devices
ultrasonic transducers
RT surface acoustic wave transducers
ultrasonic transducers
DEU Interdigitalfilter

Interdigitalfilter
DEU for interdigital transducers

interest rates
USE economic indicators

interface electron states
USE interface states

interface magnetism
BT interface phenomena
magnetism
NT magnetic multilayers
SY *magnetic interface phenomena*
PT magnetic interface phenomena
RT enhanced magnetoresistance
magnetic epitaxial layers
magnetic thin films
magnetic tunnelling
surface magnetism
DEU Grenzflächenmagnetismus

interface phenomena
NT accumulation layers
buffer layers
buried layers
chemical interdiffusion
composite material interfaces
contact angle
diffusion barriers
interface magnetism
interface phonons
interface states
interface structure
inversion layers
Kapitza resistance
metal-insulator boundaries
metal-semiconductor-metal structures
MFIS structures
MIM structures
MIS structures
Schottky barriers
semiconductor junctions
semiconductor-electrolyte boundaries
semiconductor-insulator boundaries
semiconductor-insulator-semiconductor structures
semiconductor-metal boundaries
superconductor-semiconductor boundaries
UF *boundaries / boundary layers + grain boundaries + interface phenomena*
PT surface phenomena
RT adsorption

delamination
films
surface energy measurement
surface phenomena
DEU Grenzflächeneigenschaft
DSY Grenzflächenerscheinung
Grenzflächenphänomen
Grenzflächenvorgang
Grenzschichtphänomen
Phasengrenzenphänomen
physikalisches
Phasengrenzenphänomen
Schnittstellenphänomen

interface phonons
BT interface phenomena
phonons
SY *interface vibrations*
PT crystal surface and interface
vibrations
RT surface phonons
DEU Schnittstellenphonon

interface roughness
BT interface structure
PT interface structure
RT rough surfaces
surface roughness
DEU Grenzflächenrauhigkeit
DSY Schnittstellenrauhigkeit

interface states
BT energy states
interface phenomena
NT core levels
SY *electron states, interface*
interface electron states
interface traps
PT interface electron states
RT electronic structure
negative bias temperature
instability
surface states
two-dimensional electron gas
two-dimensional hole gas
DEU Interfacezustand

interface structure
BT interface phenomena
NT interface roughness
PT interface phenomena
surface structure
RT surface phase transformations
surface structure
DEU Grenzflächenstruktur

interface traps
USE interface states

interface vibrations
USE interface phonons

interfaces, computer
USE computer interfaces

interfaces, mechanical
USE mechanical contact

Interfacezustand
DEU for interface states

interfacial chemistry
USE surface chemistry

interfacial energy
USE surface energy

interfacial tension
USE surface tension

interfacial waves
USE surface waves (fluid)

interference (signal)
BT interference
NT adjacent channel interference
cochannel interference
crosstalk
electromagnetic interference
intercarrier interference
intersymbol interference
PT interference
noise
RT distortion
interference suppression
noise
noise measurement
reception
DEU Interferenz (Signal)

interference (wave)
BT interference
NT acoustic wave interference
electromagnetic wave interference
PT interference
RT interference spectrometers
interferometers
interferometry
DEU Interferenz

interference filters
BT optical filters
PT optical filters
RT light interference

DEU Interferenzfilter

interference nulling
USE interference suppression

interference spectrometers
BT spectrometers
SY *Fabry-Perot spectrometers*
PT spectrometers
RT Fourier transform spectrometers
interference (wave)
DEU Interferenz-Spektrometer
DSY Interferenzspektrometer

interference spectroscopy
BT spectroscopy
PT spectroscopy
RT Fourier transform spectroscopy
two-dimensional spectroscopy
DEU Interferenz-Spektroskopie
DSY Interferenzspektralapparat
Interferenzspektrometer
Interferenzspektroskopie

interference suppression
NT echo suppression
SY *interference nulling*
noise control (interference)
noise elimination
RT adjacent channel interference
blind equalisers
channel estimation
cochannel interference
compandors
image denoising
impulse noise
intercarrier interference
interference (signal)
multiuser detection
noise
signal denoising
space-time adaptive processing
DEU Entstörung
DSY Störunterdrückung

interference
NT interference (signal)
interference (wave)
RT jitter
noise
DEU Interferenz (allgemein)

Interferenz
DEU for interference (wave)

Interferenz (allgemein)
DEU for interference

Interferenz (Signal)
DEU for interference (signal)

Interferenz elektromagnetischer Wellen
DUS für electromagnetic wave interference

Interferenz-Spektrometer
DEU for interference spectrometers

Interferenz-Spektroskopie
DEU for interference spectroscopy

Interferenzfilter
DEU for interference filters

Interferenzspektralapparat
DUS für interference spectroscopy

Interferenzspektrometer
DUS für interference spectrometers
interference spectroscopy

Interferenzspektroskopie
DUS für interference spectroscopy

Interferometer
DEU for interferometers

interferometers
BT instruments
NT acoustic wave interferometers
electromagnetic wave interferometers
SY *etalons*
RT interference (wave)
interferometry
DEU Interferometer

interferometric synthetic aperture radar
USE radar interferometry
\+ synthetic aperture radar

Interferometrie
DEU for interferometry

Interferometrie elektrischer Wellen
DEU for electromagnetic wave interferometry

interferometry
NT acoustic wave interferometry
electromagnetic wave interferometry
holographic interferometry
particle interferometry
RT distance measurement
holography

interference (wave)
interferometers
micrometry
schlieren systems
DEU Interferometrie

intergalactic magnetic fields
BT astrophysical magnetic fields
PT magnetic fields
RT intergalactic matter
DEU intergalaktisches Magnetfeld

intergalactic matter
UF *cooling flows, intergalactic /*
clusters of galaxies + intergalactic matter
SY *intergalactic medium*
PT cosmology
galaxies
RT clusters of galaxies
cosmic dust
intergalactic magnetic fields
interstellar matter
DEU intergalaktische Materie

intergalactic medium
USE intergalactic matter

intergalaktische Materie
DEU for intergalactic matter

intergalaktisches Magnetfeld
DEU for intergalactic magnetic fields

intergranular fracture
USE brittle fracture

Intergrierte-Schaltungs-Rauschen
DEU for integrated circuit noise

Intergrierte-Schaltungsrauschen
DUS für integrated circuit noise

intergriertes gemischtes Analog-Digital-Bauelement
DUS für mixed analogue-digital integrated circuits

intergriertes gemischtes Digital-Analog-Bauelement
DUS für mixed analogue-digital integrated circuits

intergriertes Softwaresystem
DUS für integrated software

Interkalations-Komposit
DUS für intercalation compounds

Interkalationsverbindung
DUS für intercalation compounds

Interkonnektion
DEU for interconnections

Interleave-Code
DEU for interleaved codes

interleaved codes
BT codes
PT codes
encoding (general)
error correction codes
RT concatenated codes
convolutional codes
cyclic codes
decoding
turbo codes
DEU Interleave-Code

interleaved storage
BT storage management
PT storage management
DEU Interleavespeicher

Interleavespeicher
DEU for interleaved storage

interlibrary loan
BT library automation
PT library automation
RT libraries
DEU Bibliotheksverbund
DSY Fernleihe

intermediate boson decay
BT elementary particle decay
PT elementary particle decay
RT axions
Goldstone bosons
Higgs bosons
W bosons
Z bosons
DEU mittlerer Boson-Zerfall

intermediate boson interactions
BT elementary particle interactions
RT axions
Goldstone bosons
Higgs bosons
intermediate bosons
W bosons
Z bosons
DEU mittlere Bosonwechselwirkung

intermediate boson mass
BT elementary particle mass
PT elementary particle mass
intermediate bosons
RT intermediate bosons
DEU mittlere Boson-Masse

intermediate boson production
RT axions
Goldstone bosons
Higgs bosons
intermediate bosons
W bosons
Z bosons
DEU mittlere Bosonproduktion

intermediate bosons
BT bosons
elementary particle weak interactions
hypothetical particles
NT axions
Goldstone bosons
Higgs bosons
W bosons
Z bosons
PT bosons
RT intermediate boson interactions
intermediate boson mass
intermediate boson production
Weinberg model
DEU Mittelboson
DSY Zwischenboson

intermediate helium stars
USE chemically peculiar stars
\+ magnetic stars

intermediate neglect of differential overlap calculations
USE INDO calculations

intermediate polars
USE cataclysmic binary stars
\+ white dwarfs
\+ X-ray binary stars

intermediate range forces
BT gravitation
SY *fifth force*
sixth force
PT gravitation
RT gravitational experiments
DEU mittlere Entfernungskraft

intermediate state
BT type I superconductors
PT type I superconducting materials
DEU Zwischenzustand

intermediate valence compounds
USE mixed valence compounds

intermediate-frequency amplifiers
BT amplifiers
SY *IF amplifiers*
PT amplifiers
DEU Mittelfrequenzverstärker
DSY Zwischenfrequenzverstärker

intermetallic compounds
USE alloys
DEU intermetallische Verbindung

intermetallische Verbindung
DEU for intermetallic compounds

intermodulation
BT modulation
NT intermodulation distortion
RT demodulation
intermodulation measurement
DEU Intermodulation

intermodulation distortion
BT intermodulation
nonlinear distortion
PT electric distortion
intermodulation
intermodulation
DEU Intermodulationsverzerrung
DSY Zwischenmodulationsverzerrung

intermodulation measurement
BT measurement
RT intermodulation
DEU Zwischenmodulationsmessung

Intermodulationsverzerrung
DEU for intermodulation distortion

Intermodulation
DEU for intermodulation

intermolecular dynamics
USE intermolecular mechanics

intermolecular forces
BT intermolecular mechanics
NT van der Waals forces
SY *ATM forces*
Axilrod-Teller-Moto dispersion forces

dispersion forces
PT intermolecular mechanics
RT bonds (chemical)
intramolecular forces
molecular clusters
DEU intermolekulare Kraft
DSY zwischenmolekulare Kraft

intermolecular mechanics
BT mechanics
NT intermolecular forces
SY *intermolecular dynamics*
RT association (chemical)
collision processes
intramolecular mechanics
kinetic theory
Lennard-Jones potential
liquid structure
liquid theory
molecules
Morse potential
potential energy functions
solid theory
DEU intermolekulare Mechanik
DSY zwischenmolekulare Mechanik

intermolecular potentials
USE potential energy functions

intermolecular vibrations
USE rotational-vibrational energy transfer

intermolekulare Kraft
DEU for intermolecular forces

intermolekulare Mechanik
DEU for intermolecular mechanics

internal combustion engines
BT engines
NT diesel engines
rotary engines
UF *free piston engines / diesel engines + internal combustion engines*
SY *gasoline engines*
IC engines
petrol engines
PT heat engines
RT automotive components
automotive electronics
carburettors
combustion equipment
compound engines
diesel-electric generators
dual fuel engines
hybrid electric vehicles
ignition
Otto cycle
spark plugs
standby generators
starting
DEU Motor mit innerer Verbrennung

internal conversion
BT nuclear energy level transitions
SY *nuclear internal conversion*
PT gamma-ray internal conversion
RT conversion electron spectra
DEU interne Umwandlung

internal conversion in atoms
USE Auger effect

internal conversion in molecules
USE nonradiative transitions

internal fields, crystal
USE crystal field interactions

internal friction
BT friction
SY *friction, internal*
RT anelastic relaxation
Bordoni effect
damping
dislocation damping
hysteresis
plastic flow
Snoek effect
viscoelasticity
viscosity
Zener relaxation
DEU innere Reibung

internal friction of liquids
USE viscosity

internal mechanics of atoms
USE atomic structure

internal mechanics, molecular
USE intramolecular mechanics

internal modes
USE vibrational modes

internal revenue service
USE taxation

internal ring devices (plasma)
USE plasma confinement

internal rotation in molecules
USE rotational isomerism

internal strains
USE internal stresses

internal stresses
BT mechanical properties
NT thermal stresses
SY *internal strains*
residual stresses
UF *stress / internal stresses + stress effects + stress-strain relations + thermal stresses + yield stress*
UF *stresses / internal stresses + stress effects + stress-strain relations + thermal stresses + yield stress*
SY *stresses, internal*
RT Bauschinger effect
shot peening
DEU interne Beanspruchung

internal thread machining
USE tapping (machining)

international collaboration
UF *EU environmental legislation / environmental legislation + government policies + international collaboration*
UF *EU legislation / government policies + international collaboration + legislation*
UF *joint ventures / international collaboration + organisational aspects + research initiatives*
RT environmental management
government policies
international trade
research initiatives
trade agreements
DEU internationale Zusammenarbeit

international finance
BT finance
NT balance of payments
SY *IMF*
international monetary agreements
International Monetary Fund
UF *overseas investment / international finance + investment*
PT international trade
RT globalisation
international trade
DEU internationales Finanzwesen

international markets
USE international trade

international monetary agreements
USE international finance

International Monetary Fund
USE international finance

International Technology Roadmap for Semiconductors
USE technological forecasting

international trade
BT commerce
NT trade barriers
SY *exports*
UF *free trade / international trade + trade agreements*
SY *imports*
international markets
PT commerce
RT economic cybernetics
energy security
exchange rates
globalisation
international collaboration
international finance
macroeconomics
trade agreements
DEU internationaler Handel

internationale Zusammenarbeit
DEU for international collaboration

internationaler Handel
DEU for international trade

internationales Finanzwesen
DEU for international finance

interne Beanspruchung
DEU for internal stresses

interne Umwandlung
DEU for internal conversion

internes Rechnungswesen
DUS für management accounting

Internet
BT information networks
NT cloud computing
Internet telephony
semantic Web
Web services
UF *domain names (Internet) / government policies + Internet +*

legislation
UF *online shopping / Internet + retail data processing*
SY *Usenet*
Web 2.0
UF *Web servers / file servers + Internet*
UF *World Wide Web / Internet + Web sites*
PT internetworking
wide area networks
RT audio streaming
collaborative filtering
computer mediated communication
computer network security
data protection
delay tolerant networks
DiffServ networks
Digital Divide
digital libraries
digital preservation
extranets
firewalls
home networks
information resources
Internet of Things
internetworking
intranets
IntServ networks
IP networks
IPTV
Java
learning management systems
media streaming
mobile commerce
mobile television
multicast protocols
multiprotocol label switching
museums
networked control systems
next generation networks
overlay networks
Perl
quality of experience
quality of service
question answering (information retrieval)
recommender systems
routing protocols
service-oriented architecture
set-top boxes
social networking (online)
video streaming
virtual enterprises
virtual private networks
volunteer computing
DEU Internet (allgemein)

Internet (allgemein)
DEU for Internet

Internet der Dinge
DEU for Internet of Things

Internet information resources
USE information resources

Internet of Things
BT ubiquitous computing
SY *IoT (Internet of Things)*
PT Internet
RT ambient intelligence
bar codes
cloud computing
embedded systems
Internet
middleware
open systems
protocols
radiofrequency identification
standards
wireless sensor networks
DEU Internet der Dinge

Internet Protocol Television
USE IPTV

Internet telephony
BT Internet
telephony
SY *IP telephony*
voice-over-IP
VOIP
PT Internet
telephony
RT quality of experience
telecommunication computing
DEU Internettelefonie

Internet-Netzwerk
DUS für internetworking

Internetarbeit
DUS für internetworking

Internetfernsehen
DEU for IPTV

Internetnetzwerk
DUS für internetworking

Internetsystem
DUS für internetworking

Internettelefonie
DEU for Internet telephony

internetworking
BT computer networks
NT LAN interconnection
UF *gateways / internetworking + network servers*
UF *information highways / information networks + internetworking + wide area networks*
UF *information infrastructure / information networks + internetworking + wide area networks*
PT computer networks
RT information networks
Internet
intranets
local area networks
metropolitan area networks
network operating systems
protocols
transport protocols
wide area networks
DEU Arbeiten im Internet
DSY Arbeiten mit Internet
Internet-Netzwerk
Internetarbeit
Internetnetzwerk
Internetsystem
Vernetzung (Internet)

internuclear double resonance
USE INDOR

interoperability
USE open systems

interpenetrating networks
USE polymer blends

interplanetare Materie
DEU for interplanetary matter

interplanetares Magnetfeld
DEU for interplanetary magnetic fields

interplanetary magnetic fields
BT astrophysical magnetic fields
RT interplanetary matter
DEU interplanetares Magnetfeld

interplanetary matter
SY *interplanetary medium*
RT asteroids
comets
cosmic dust
interplanetary magnetic fields
interstellar matter
meteorites
meteoroids
micrometeorites
solar system
solar wind
zodiacal light
DEU interplanetare Materie

interplanetary medium
USE interplanetary matter

interplanetary scintillation
USE radiowave propagation
\+ solar wind

interpolation
BT numerical analysis
RT approximation theory
bandlimited signals
extrapolation
function approximation
sampling methods
splines (mathematics)
DEU Interpolation (Mathematik)

Interpolation (Mathematik)
DEU for interpolation

Interpreter (DV)
DEU for program interpreters

interpreters (program)
USE program interpreters

interpretive programs
USE program interpreters

Interrupt (Software)
DEU for interrupts

interrupters
BT switches
switchgear
NT vacuum interrupters
PT circuit breakers
RT circuit breakers
electric fuses
DEU Unterbrecher

interrupters, circuit
USE circuit breakers

interrupts
BT systems software
PT computer architecture
operating systems (computers)

RT computer architecture
computer interfaces
operating systems (computers)
DEU Interrupt (Software)
DSY Unterbrechung (Software)

intersatellite links
USE satellite links

interstellar chemistry
BT astrochemistry
PT astrochemistry
RT interstellar molecular clouds
interstellar molecules
DEU interstellare Chemie
DSY Intersternenchemie

interstellar dust
USE cosmic dust
\+ interstellar matter

interstellar magnetic fields
BT astrophysical magnetic fields
PT interstellar matter
RT interstellar matter
DEU interstellares Magnetfeld
DSY Zwischensternenmagnetfeld

interstellar matter
NT H I regions
interstellar molecular clouds
interstellar molecules
nebulae
UF *cometary globules / interstellar matter + supernova remnants*
UF *heliopause / interstellar matter + solar wind*
UF *infrared cirrus / infrared sources (astronomical) + interstellar matter*
UF *interstellar dust / cosmic dust + interstellar matter*
SY *interstellar medium*
UF *interstellar scintillation / interstellar matter + radiowave propagation*
UF *OH Type IIa sources / astronomical masers + interstellar matter + radiosources (astronomical)*
UF *OH Type IIc sources / interstellar matter + radiosources (astronomical)*
UF *scintillation, interstellar / interstellar matter + radiowave propagation*
RT cosmic dust
intergalactic matter
interplanetary matter
interstellar magnetic fields
DEU interstellare Materie
DSY Zwischensternenmaterie

interstellar medium
USE interstellar matter

interstellar molecular clouds
BT interstellar matter
SY *molecular clouds*
PT interstellar matter
RT interstellar chemistry
interstellar molecules
nebulae
DEU interstellare Molekülwolke
DSY Zwischensternenmolekülwolke

interstellar molecules
BT interstellar matter
molecules
PT interstellar matter
molecules
RT astrochemistry
astronomical masers
interstellar chemistry
interstellar molecular clouds
DEU interstellares Molekül
DSY Zwischensternenmolekül

interstellar scintillation
USE interstellar matter
\+ radiowave propagation

interstellare Chemie
DEU for interstellar chemistry

interstellare Materie
DEU for interstellar matter

interstellare Molekülwolke
DEU for interstellar molecular clouds

interstellares Magnetfeld
DEU for interstellar magnetic fields

interstellares Molekül
DEU for interstellar molecules

Intersternenchemie
DUS für interstellar chemistry

interstitials
BT point defects
RT Cottrell atmospheres
crowdions
impurities
Snoek effect
DEU Zwischengitter

intersymbol interference
BT interference (signal)
PT interference
RT blind equalisers
digital communication
dispersive channels
pulse modulation
DEU Intersymbolstörung

Intersymbolstörung
DEU for intersymbol interference

intersystem crossing
USE nonradiative transitions

Interträgerinterferenz
DEU for intercarrier interference

intrakranieller Druck
DUS für pressure

intramolecular dynamics
USE intramolecular mechanics

intramolecular forces
BT intramolecular mechanics
PT atomic forces
RT atomic forces
intermolecular forces
DEU innermolekulare Kraft
DSY intramolekulare Kraft

intramolecular mechanics
BT mechanics
NT intramolecular forces
SY *internal mechanics, molecular*
intramolecular dynamics
UF *macromolecular dynamics /*
intramolecular mechanics +
macromolecules
SY *molecular internal mechanics*
PT atomic forces
RT atomic forces
intermolecular mechanics
Morse potential
vibrational states
DEU innermolekulare Mechanik
DSY intramolekulare Mechanik

intramolecular potentials
USE potential energy functions

intramolecular rotation
USE rotational isomerism

intramolecular vibrations
USE vibrational modes
\+ vibrational states

intramolekulare Kraft
DUS für intramolecular forces

intramolekulare Mechanik
DUS für intramolecular mechanics

Intranet
DEU for intranets

intranets
BT computer networks
office automation
SY *corporate networking*
PT Internet
local area networks
RT business communication
information networks
Internet
internetworking
local area networks
virtual private networks
DEU Intranet

intrinsic magnetisation
USE spontaneous magnetisation

intrusion detection (computers)
USE security of data

intrusion detectors
USE safety systems

IntServ networks
BT computer networks
SY *integrated services networks*
PT Internet
quality of service
RT bandwidth allocation
computer network management
Internet
multimedia communication
quality of service
telecommunication congestion
control
telecommunication network
routing
DEU IntServ-Netzwerk

IntServ-Netzwerk
DEU for IntServ networks

intuitionistic logic
USE formal logic

Invar (alloy)
BT iron alloys
manganese alloys
nickel alloys
PT iron alloys
manganese alloys
nickel alloys
DEU Invar (Legierung)

Invar (Legierung)
DEU for Invar (alloy)

Invar effect
USE magnetomechanical effects
\+ thermal expansion

invariance
RT control system analysis
control system synthesis
DEU Invariante
DSY Invarianz
mathematische Konstante
unveränderliche mathematische Größe

Invariante
DEU for invariance

Invarianz
DUS für invariance

invasive software
BT security of data
NT computer viruses
SY *botnets*
malware
Trojan horses
worms (invasive software)
PT computer viruses
RT computer crime
e-mail filters
unsolicited e-mail
DEU Eindringsoftware
DSY invasive Software

invasive Software
DUS für invasive software

inventory control
USE stock control

inventory management
BT production management
NT bills of materials
finished goods inventory
raw materials inventory
stock control
PT stock control
RT production engineering
DEU Bestandsmanagement

inverse electronic relaxation
USE vibronic states

inverse Nyquist diagrams
USE Nyquist diagrams

inverse photoemission spectra
BT electron spectra
UF *photoemission, inverse / inverse photoemission spectra* + *inverse photoemission spectroscopy*
PT inverse photoemission spectroscopy
RT bremsstrahlung
inverse photoemission spectroscopy
DEU inverses Photoemissionsspektrum

inverse photoemission spectroscopy
BT electron spectroscopy
SY *bremsstrahlung isochromat spectroscopy*
UF *photoemission, inverse / inverse photoemission spectra* + *inverse photoemission spectroscopy*
PT bremsstrahlung
RT bremsstrahlung
inverse photoemission spectra
DEU inverse Photoemissions-Spektroskopie
DSY inverse Photoemissionsspektrosko pie

inverse Photoemissions-Spektroskopie
DEU for inverse photoemission spectroscopy

inverse Photoemissionsspektroskopie
DUS für inverse photoemission spectroscopy

inverse problems
BT mathematical analysis
RT inverse transforms
tomography
DEU inverses Problem

inverse Radon transforms
USE inverse transforms
\+ Radon transforms

inverse synthetic aperture radar
USE synthetic aperture radar

inverse Transformation
DEU for inverse transforms

inverse transforms
BT transforms
UF *inverse Radon transforms / inverse transforms + Radon transforms*
PT transforms
RT affine transforms
curvelet transforms
discrete transforms
Fourier transforms
Haar transforms
Hadamard transforms
Hankel transforms
Hartley transforms
Hilbert transforms
Hough transforms
inverse problems
Karhunen-Loeve transforms
Laplace transforms
Radon transforms
wavelet transforms
Z transforms
DEU inverse Transformation

inverses Photoemissionsspektrum
DEU for inverse photoemission spectra

inverses Problem
DEU for inverse problems

inversion layers
BT interface phenomena
PT metal-insulator-semiconductor structures
surface electron states
RT MIS structures
quantum Hall effect
surface states
DEU Inversionsschicht
DSY Umkehrschicht

Inversionsschicht
DEU for inversion layers

inverted pendulums
USE nonlinear systems
\+ pendulums

Inverter (elektrisch)
DEU for invertors

inverters
USE invertors

inverters (logic)
USE logic gates

invertors
BT convertors
NT PWM invertors
resonant invertors
SY *DC to AC invertors*
inverters
RT choppers (circuits)
DC-AC power convertors
driver circuits
power electronics
rotary convertors
zero current switching
zero voltage switching
DEU Inverter (elektrisch)
DSY Umrichter
Wandler (elektrisch)
Wechselrichter

invertors (logic)
USE logic gates

investment
BT commerce
finance
NT venture capital
UF *overseas investment / international finance + investment*
SY *portfolios (finance)*
UF *return on investment / cost-benefit analysis + investment*
PT commerce
financial data processing
RT deflation (monetary)
economic cycles
economics
inflation (monetary)
pensions
public finance
share prices
DEU Investment (Kapital)

Investment (Kapital)
DEU for investment

investment casting
BT casting
PT casting
DEU Feingießverfahren

invisibility cloaks
NT optical cloaking
SY *cloaking*
invisibility devices
invisibility materials
invisibility phenomena
magnetic cloaks
RT electromagnetic wave propagation
electromagnetic wave scattering
metamaterials
microwave materials
refractive index
DEU unsichtbare Umhüllung

invisibility devices
USE invisibility cloaks

invisibility materials
USE invisibility cloaks

invisibility phenomena
USE invisibility cloaks

invoicing
BT accounting
SY *billing*
PT accounts data processing
DEU Fakturieren
DSY Fakturierung
Verrechnung
Warenabrechnung

Iod (chemisches Element)
DEU for iodine

iodide glasses
USE halide glasses

iodine
BT halogens
non-metals
SY *I (chemical element)*
J (chemical element)
RT iodine compounds
DEU Iod (chemisches Element)
DSY Jod (chemisches Element)

iodine compounds
BT inorganic compounds
RT iodine
DEU Iodverbindung
DSY Jodverbindung

Iodverbindung
DEU for iodine compounds

Ion
DEU for ions

ion accelerators
BT particle accelerators
SY *heavy ion accelerators*
PT particle accelerators
RT cyclic accelerators
linear colliders
tandem accelerators
DEU Ionenbeschleuniger
DSY Ionentriebwerk

ion beam applications
NT focused ion beam technology
ion beam assisted deposition
ion beam lithography
PT ion beam effects
RT ion beam effects
ion beams
sputtering
DEU Ionenstrahlanwendung

ion beam assisted deposition
BT ion beam applications
vapour deposition
SY *IBAD*
PT ion beam applications
vapour deposition
RT ion beam effects
sputter deposition
vacuum deposition
DEU Ionenstrahl unterstützte Beschichtung
DSY Ionenstrahl unterstütztes Beschichten

ion beam effects
BT radiation effects
NT ion beam mixing
ionoluminescence
proton effects
UF *biological effects of ions / biological effects of ionising particles + ion beam effects*
RT biological effects of ionising particles
ion beam applications
ion beam assisted deposition
ion beam lithography
ion beams
ion implantation
ion-surface impact
plasma-beam interactions
DEU Ionenstrahlwirkung

ion beam lithography
BT ion beam applications
lithography
SY *ion lithography*
PT integrated circuit technology
ion beam effects
semiconductor technology
RT focused ion beam technology
integrated circuit technology
ion beam effects
proximity effect (lithography)
semiconductor technology
DEU Ionenstrahlenlithographie
DSY Ionenstrahllithografie
Ionenstrahllithographie

ion beam mixing
BT ion beam effects
PT ion beam effects
RT chemical interdiffusion
mixing
DEU Ionenstrahlmischen

ion beams
BT particle beams
NT radioactive ion beams
SY *positive rays*
RT alpha-particle sources
beam-foil spectra
beam-foil spectroscopy
deuteron sources
duoplasmatrons
electrodynamics
focused ion beam technology
ion beam applications
ion beam effects
ion emission
ion microanalysis
ion microprobe analysis
ion microscopes
ion microscopy
ion optics
ion sources
ion-surface impact
magnetic lenses
Penning ion sources
DEU Ionenstrahl

ion chambers
USE ionisation chambers

ion channel lasers
USE free electron lasers

ion channels (biomembrane)
USE bioelectric phenomena
\+ biomembrane transport

ion counters
USE counters

ion cyclotron resonance
USE cyclotron resonance

ion cyclotron resonance heating (plasma)
USE plasma radiofrequency heating

ion cyclotron resonance spectra
USE mass spectra

ion cyclotron resonance spectroscopy
USE mass spectroscopy

ion density
PT plasma diagnostics
plasma
RT plasma density
plasma diagnostics
DEU Ionendichte

ion deposition printers
BT printers
PT printers
DEU Ionenstrahldrucker

ion diodes
USE plasma diodes

ion emission
BT emission
NT field ion emission
secondary ion emission
thermionic ion emission
RT alpha-particle sources
deuteron sources
duoplasmatrons
ion beams
ion sources
DEU Ionenemission

ion engines
BT engines
UF *Hall effect thrusters / ion engines + plasma devices + plasma magnetohydrodynamics*
SY *hollow cathode thrusters*
ion thrusters
ion thrustors
RT aerospace engines
aerospace propulsion
propellants
rocket engines
rockets
DEU Ionentriebwerk

ion etching
USE sputter etching

ion exchange
BT chemical exchanges
SY *proton exchange*
PT chemical exchanges
RT optical fabrication
proton exchange membrane fuel cells
DEU Ionenaustausch

ion excited X-ray emission
USE ion microprobe analysis

ion impact
USE ion-surface impact

ion implantation
NT plasma immersion ion implantation
SY *implantation, ion*
PT semiconductor doping
RT buried layers
ion beam effects
plasma sources
rapid thermal processing
semiconductor doping
semiconductor technology
SIMOX
DEU Ionenimplantation

ion lasers
BT gas lasers
PT gas lasers
DEU Ionengaslaser

ion lenses
USE lenses

ion lithography
USE ion beam lithography

ion microanalysis
BT chemical analysis
PT chemical analysis
RT ion beams
ion microprobe analysis
ion microscopy
mass spectroscopic chemical analysis
DEU Ionenmikrosondenanalyse

ion microprobe analysis
BT chemical analysis
UF *elastic recoil detection analysis / ion microprobe analysis + nuclear chemical analysis + Rutherford backscattering*
UF *ERDA / ion microprobe analysis + nuclear chemical analysis + Rutherford backscattering*
SY *heavy ion excited X-ray emission*
UF *HIXE / ion microprobe analysis + X-ray chemical analysis*
UF *IEXE / ion microprobe analysis + X-ray chemical analysis*
SY *IMMA*
ion excited X-ray emission
ion probe microanalysis
microprobe analysis, ion
PIGE
UF *PIXE / ion microprobe analysis + X-ray chemical analysis*
UF *proton induced X-ray emission / ion microprobe analysis + X-ray chemical analysis*
PT chemical analysis
RT ion beams
ion microanalysis
ion microscopy
mass spectroscopic chemical analysis
secondary ion mass spectra
secondary ion mass spectroscopy
DEU Ionen-Mikrosondenanalyse
DSY Ionenmikrosondenanalyse

ion microscopes
BT microscopes
NT field emission ion microscopes
SY *scanning ion microscopes*
RT ion beams
ion microscopy
ion optics
DEU Ionenmikroskop

ion microscopy
BT microscopy
NT field emission ion microscopy
SY *scanning ion microscopy*
PT ion microscopes
RT ion beams
ion microanalysis
ion microprobe analysis
ion microscopes
ion optics
DEU Ionenmikroskopie

ion mobility
BT transport processes
SY *Chemla effect*
UF *electrolytic ion mobility / electrolysis + ion mobility*
UF *ion scattering / collision processes + ion mobility + ion-*

surface impact
SY *ion velocity*
RT electrical conductivity
ion mobility spectroscopy
ionic conductivity
ions
particle velocity analysis
DEU Ionenbeweglichkeit
DSY Ionenmobilität

ion mobility spectrometers
BT spectrometers
PT spectrometers
RT ion mobility spectroscopy
mass spectrometers
mass spectroscopic chemical analysis
DEU Ionen-Mobilitäts-Spektrometer
DSY Ionenmobilitäts-Spektrometer
Ionenmobilitätsspektrometer

ion mobility spectroscopy
BT spectroscopy
PT spectroscopy
RT explosive detection
ion mobility
ion mobility spectrometers
mass spectroscopic chemical analysis
mass spectroscopy
DEU Ionenmobilitäts-Spektroskopie
DSY Ionenmobilitätsspektroskopie

ion optics
BT particle optics
RT electrodynamics
field emission ion microscopes
field emission ion microscopy
focused ion beam technology
focusing
ion beams
ion microscopes
ion microscopy
ion sources
mass spectrometers
DEU Ionenoptik

ion plating
BT vapour deposition
PT vapour deposition
RT sputter deposition
sputtering
vapour deposited coatings
DEU Ionenplattieren

ion probe microanalysis
USE ion microprobe analysis

ion pumps
BT vacuum pumps
PT vacuum pumps
RT getters
DEU Ionenpumpe

ion recombination
SY *dielectronic recombination*
UF *dissociative recombination / dissociation + ion recombination*
SY *recombination, ion*
RT ionisation
ions
DEU Ionenrekombination

ion scattering
USE collision processes
\+ ion mobility
\+ ion-surface impact

ion scattering spectroscopy
USE ion-surface impact

ion sensitive field effect transistors
BT electric sensing devices
field effect transistors
SY *CHEMFET*
ISFET
PT chemical sensors
electric sensing devices
insulated gate field effect transistors
RT chemical sensors
insulated gate field effect transistors
DEU ionen-sensitiver Feldeffekttransistor

ion solvation
USE solvation

ion sources
BT particle sources
NT alpha-particle sources
deuteron sources
duoplasmatrons
liquid metal ion sources
Penning ion sources
SY *positive ray sources*
RT ion beams
ion emission
ion optics
mass spectrometer accessories
particle accelerators
plasma sources

vacuum arcs
DEU Ionenquelle

ion thrusters
USE ion engines

ion thrustors
USE ion engines

ion traps
USE particle traps

ion velocity
USE ion mobility

ion-atom collisions
USE atom-ion collisions

ion-ion collisions
USE atom-ion collisions
\+ heavy ion-nucleus scattering
\+ ion-molecule collisions

ion-ion reactions
USE atom-ion reactions
\+ heavy ion-nucleus reactions
\+ ion-molecule reactions

ion-molecule collisions
BT molecular collisions
UF *ion-ion collisions / atom-ion collisions + heavy ion-nucleus scattering + ion-molecule collisions*
SY *molecule-ion collisions*
PT molecular inelastic collisions
RT charge exchange
ion-molecule reactions
molecular beams
DEU Ionen-Molekül-Zusammenstoß

ion-molecule reactions
BT chemical reactions
UF *ion-ion reactions / atom-ion reactions + heavy ion-nucleus reactions + ion-molecule reactions*
SY *molecule-ion reactions*
PT chemical reactions
RT ion-molecule collisions
molecular beams
DEU Ion-Molekül-Reaktion

Ion-Molekül-Reaktion
DEU for ion-molecule reactions

ion-surface impact
BT surface collisions
SY *ion impact*
UF *ion scattering / collision processes + ion mobility + ion-surface impact*
SY *ion scattering spectroscopy*
proton-surface impact
surface-ion beam collisions
PT ion impact
ion scattering
RT ion beam effects
ion beams
particle backscattering
Rutherford backscattering
secondary emission
sputtering
DEU Ionen-Oberflächen-Stoß

Ionen-Mikrosondenanalyse
DEU for ion microprobe analysis

Ionen-Mobilitäts-Spektrometer
DEU for ion mobility spectrometers

Ionen-Molekül-Zusammenstoß
DEU for ion-molecule collisions

Ionen-Oberflächen-Stoß
DEU for ion-surface impact

ionen-sensitiver Feldeffekttransistor
DEU for ion sensitive field effect transistors

Ionenaustausch
DEU for ion exchange

Ionenbeschleuniger
DEU for ion accelerators

Ionenbeweglichkeit
DEU for ion mobility

Ionenbildung
DEU for ionization

Ionenclusterstrahlabscheidung
DEU for ionised cluster beam deposition

Ionendichte
DEU for ion density

Ionenemission
DEU for ion emission

Ionengaslaser
DEU for ion lasers

Ionenimplantation
DEU for ion implantation

Ionenleitfähigkeit
DEU for ionic conductivity

Ionenmikroskop
DEU for ion microscopes

Ionenmikroskopie
DEU for ion microscopy

Ionenmikrosondenanalyse
DEU for ion microanalysis

Ionenmikrosondenanalyse
DUS für ion microprobe analysis

Ionenmobilität
DUS für ion mobility

Ionenmobilitäts-Spektrometer
DUS für ion mobility spectrometers

Ionenmobilitäts-Spektroskopie
DEU for ion mobility spectroscopy

Ionenmobilitätsspektrometer
DUS für ion mobility spectrometers

Ionenmobilitätsspektroskopie
DUS für ion mobility spectroscopy

Ionenoptik
DEU for ion optics

Ionenplattieren
DEU for ion plating

Ionenpumpe
DEU for ion pumps

Ionenquelle
DEU for ion sources

Ionenrekombination
DEU for ion recombination

Ionenstrahl
DEU for ion beams

Ionenstrahl unterstützte Beschichtung
DEU for ion beam assisted deposition

Ionenstrahl unterstütztes Beschichten
DUS für ion beam assisted deposition

Ionenstrahlätzen
DEU for sputter etching

Ionenstrahlanwendung
DEU for ion beam applications

Ionenstrahlbündelfokussierung
DUS für focused ion beam technology

Ionenstrahldrucker
DEU for ion deposition printers

Ionenstrahlenlithographie
DEU for ion beam lithography

Ionenstrahlfokussierungstechnik
DUS für focused ion beam technology

Ionenstrahlfokussierungsverfahren
DUS für focused ion beam technology

Ionenstrahllithografie
DUS für ion beam lithography

Ionenstrahllithographie
DUS für ion beam lithography

Ionenstrahlmischen
DEU for ion beam mixing

Ionenstrahlwirkung
DEU for ion beam effects

Ionentriebwerk
DUS für ion accelerators

Ionentriebwerk
DEU for ion engines

ionic conductivity
BT electrical conductivity
NT superionic conductivity
SY *conductivity, ionic*
PT electrical conductivity of electrolytic liquids
electrical conductivity of liquids
ionic conduction in solids
RT diffusion
ion mobility
solid electrolytes
DEU Ionenleitfähigkeit

ionic electroactive polymer devices
USE electroactive polymer actuators

ionic polymer-metal composite actuators
USE electroactive polymer actuators

ionic thermocurrents
USE thermally stimulated currents

ionisation
NT associative ionisation
autoionisation
electron avalanches
electron impact ionisation
field ionisation
impact ionisation
inner-shell ionisation
Penning ionisation
photoionisation
positron impact ionisation
preionisation
surface ionisation
Townsend discharge
SY *ionization*
RT arcs (electric)
atomic collisions
charge exchange
corona
discharges (electric)
dissociation
electron attachment
ion recombination
ionisation chambers
ionisation potential
liquid ionisation chambers
molecular collisions
multiwire ionisation chambers
plasma heating
plasma production
shower counters
DEU Ionisation
DSY Ionisierung

ionisation chambers
BT particle detectors
NT liquid ionisation chambers
multiwire ionisation chambers
shower counters
streamer chambers
SY *condenser ionisation chambers*
extrapolation chambers
ion chambers
ionization chambers
UF *wall-less counters / ionisation chambers + proportional counters*
RT drift chambers
Geiger counters
helium-3 counters
ionisation
liquid proportional counters
multiwire proportional chambers
proportional counters
time projection chambers
DEU Ionisationskammer

ionisation gauges
BT vacuum gauges
SY *Bayard-Alpert gauges*
ionization gauges
PT vacuum gauges
RT pressure measurement
DEU Ionisationsmesselement
DSY Ionisationsmessgerät
Ionisationsmesssensor
Ionisationsmesszelle

ionisation potential
SY *appearance potential*
bond energy
ionization potential
RT bonds (chemical)
electric potential
electron affinity
electronegativity
ionisation
proton affinity
work function
DEU Ionisationspotential
DSY Ionisationspotenzial

Ionisationskammer
DEU for ionisation chambers

Ionisationsmesselement
DEU for ionisation gauges

Ionisationsmessgerät
DUS für ionisation gauges

Ionisationsmesssensor
DUS für ionisation gauges

Ionisationsmesszelle
DUS für ionisation gauges

Ionisationspotential
DEU for ionisation potential

Ionisationspotenzial
DUS für ionisation potential

Ionisation
DEU for ionisation

ionised cluster beam deposition
BT vapour deposition
SY *ionized cluster beam deposition*
PT vapour deposition
RT vapour deposited coatings
DEU Ionenclusterstrahlabscheidung

Ionisierung
DUS für ionisation

ionization
USE ionisation
DEU Ionenbildung

ionization chambers
USE ionisation chambers

ionization gauges
USE ionisation gauges

ionization potential
USE ionisation potential

ionized cluster beam deposition
USE ionised cluster beam deposition

ionoluminescence
BT ion beam effects
luminescence
PT luminescence
DEU Ionolumineszenz

Ionolumineszenz
DEU for ionoluminescence

ionomeric polymer-metal composite actuators
USE electroactive polymer actuators

ionosondes
USE ionospheric measuring apparatus

ionospärische Störung
DEU for ionospheric disturbances

Ionosphäre
DEU for ionosphere

Ionosphärenmessgerät
DEU for ionospheric measuring apparatus

ionosphärische elektromagnetische Wellenausbreitung
DEU for ionospheric electromagnetic wave propagation

ionosphärische Technik
DEU for ionospheric techniques

ionosphere
BT upper atmosphere
NT D-region
E-region
F-region
ionospheric disturbances
RT atmospheric electricity
atmospheric elementary particle precipitation
atmospheric ion precipitation
atmospheric ionisation
aurora
electrojets
electron density
ionospheric electromagnetic wave propagation
ionospheric measuring apparatus
ionospheric techniques
magnetosphere
total electron content (atmosphere)
DEU Ionosphäre

ionospheric disturbances
BT ionosphere
UF *ionospheric modification / ionospheric disturbances + plasma radiofrequency heating*
UF *ionospheric storms / ionospheric disturbances + magnetic storms*
UF *spread F / F-region + ionospheric disturbances*
SY *sudden ionospheric disturbances*
travelling ionospheric disturbances
PT ionosphere
RT magnetic storms
sprites
DEU ionospärische Störung

ionospheric electromagnetic wave propagation
BT atmospheric electromagnetic wave propagation
plasma electromagnetic wave propagation
NT Earth-ionosphere waveguide
SY *ionospheric propagation*
UF *ionospheric scintillation / ionospheric electromagnetic wave propagation + radiowave propagation*
SY *polar cap absorption*
UF *scintillation, ionospheric / ionospheric electromagnetic wave propagation + radiowave*

propagation
RT fading
ionosphere
radiowave propagation
total electron content (atmosphere)
whistlers
DEU ionosphärische elektromagnetische Wellenausbreitung

ionospheric measurement
USE ionospheric techniques

ionospheric measuring apparatus
BT atmospheric measuring apparatus
SY *ionosondes*
riometers
RT artificial satellites
ionosphere
ionospheric techniques
plasma diagnostics
DEU Ionosphärenmessgerät

ionospheric modification
USE ionospheric disturbances
\+ plasma radiofrequency heating

ionospheric propagation
USE ionospheric electromagnetic wave propagation

ionospheric scintillation
USE ionospheric electromagnetic wave propagation
\+ radiowave propagation

ionospheric storms
USE ionospheric disturbances
\+ magnetic storms

ionospheric techniques
BT atmospheric techniques
SY *ionospheric measurement*
PT ionospheric measurement
RT ionosphere
ionospheric measuring apparatus
DEU ionosphärische Technik

ionotophoresis
USE electrophoresis

ions
NT helium ions
hydrogen ions
negative ions
positive ions
trapped ions
RT atoms
free radicals
ion mobility
ion recombination
isoelectronic series
mass spectra
molecules
DEU Ion

iOS
USE iOS (operating system)

iOS (Betriebssystem)
DEU for iOS (operating system)

iOS (operating system)
BT Unix
SY *iOS*
PT mobile computing
operating systems (computers)
RT Apple computers
mobile computing
notebook computers
smart phones
DEU iOS (Betriebssystem)

IoT (Internet of Things)
USE Internet of Things

IP blocks
USE logic circuits
\+ microprocessor chips

IP cores
USE logic circuits
\+ microprocessor chips

IP networks
BT telecommunication networks
PT Internet
transport protocols
RT computer network management
home networks
Internet
IPTV
next generation networks
quality of experience
quality of service
telecommunication congestion control
telecommunication network routing
transport protocols
DEU IP-Netz

IP telephony
USE Internet telephony

IP-Netz
DEU for IP networks

IPSE
USE project support environments

IPTV
BT digital television
SY *Internet Protocol Television*
PT digital television
IP networks
RT Internet
IP networks
quality of experience
set-top boxes
video on demand
DEU Internetfernsehen

Ir (chemical element)
USE iridium
DEU Ir (chemisches Element)

Ir (chemisches Element)
DEU for Ir (chemical element)

IR astronomy
USE infrared astronomy

IR detectors
USE infrared detectors

IR focal plane arrays
USE focal planes

IR imaging
USE infrared imaging

IR sources
USE infrared sources

IR spectra
USE infrared spectra

IR spectroscopy
USE infrared spectroscopy

IR thermography
USE infrared imaging

IR tracking
USE optical tracking

irasers
USE lasers

iridium
BT transition metals
SY *Ir (chemical element)*
RT iridium alloys
iridium compounds
DEU Iridiun

iridium alloys
BT transition metal alloys
PT iridium compounds
RT iridium
iridium compounds
DEU Iridiumlegierung

iridium compounds
BT transition metal compounds
RT iridium
iridium alloys
DEU Iridiumverbindung

Iridiumlegierung
DEU for iridium alloys

Iridiumverbindung
DEU for iridium compounds

Iridiun
DEU for iridium

iris (diaphragm)
USE diaphragms

iris (eye)
USE eye

iris recognition
BT biometrics (access control)
image recognition
PT biometrics (access control)
image recognition
RT emotion recognition
eye
face recognition
feature extraction
retinal recognition
wavelet transforms
DEU Iriserkennung

Iriserkennung
DEU for iris recognition

iron
BT transition metals
SY *Armco iron*
Fe (chemical element)

RT iron alloys
iron compounds
DEU Eisen

iron alloys
BT transition metal alloys
NT cast iron
Elinvar (alloy)
Invar (alloy)
Permalloy
steel
UF *alnico alloys / aluminium alloys + cobalt alloys + iron alloys + nickel alloys*
UF *electric sheet / iron alloys + silicon alloys*
UF *electric steel / iron alloys + silicon alloys*
SY *ferrous alloys*
UF *Hastelloy / iron alloys + molybdenum alloys + nickel alloys*
UF *Incoloy / chromium alloys + iron alloys + nickel alloys*
UF *Inconel / chromium alloys + iron alloys + nickel alloys*
UF *transformer iron / iron alloys + silicon alloys*
UF *transformer steel / iron alloys + silicon alloys*
RT graphitising
iron
iron compounds
DEU Eisenlegierung

iron compounds
BT transition metal compounds
NT ferrites
RT iron
iron alloys
DEU Eisenverbindung

irradiation effects
USE radiation effects

irradiation induced creep
BT creep
radiation effects
PT creep
neutron effects
DEU strahlungsinduziertes Kriechen

irregular galaxies
USE galaxies

irregular variables
USE giant stars
\+ variable stars

irreversible thermodynamics
BT thermodynamics
PT thermodynamics
RT entropy
nonequilibrium thermodynamics
thermodynamic properties
DEU irreversible Thermodynamik

irreversible Thermodynamik
DEU for irreversible thermodynamics

irrigation
BT agriculture
PT agriculture
RT horticulture
hydraulic systems
land use
water supply
DEU Bewässerung

ISAR
USE synthetic aperture radar

ISDN
BT digital communication
integrated voice/data communication
telecommunication networks
NT B-ISDN
SY *Information Network System*
integrated services digital network
UF *ISDN exchanges / ISDN + telecommunication exchanges*
UF *ISDN terminals / ISDN + telecommunication terminals*
PT communication networks
digital communication systems
RT asynchronous transfer mode
data communication
frame relay
multimedia communication
multimedia systems
telecommunication signalling
telecommunication switching
visual communication
DEU ISDN (integriertes Dienste-Digitalnetz)

ISDN (integriertes Dienste-Digitalnetz)
DEU for ISDN

ISDN exchanges
USE ISDN
\+ telecommunication exchanges

ISDN terminals
USE ISDN
+ telecommunication terminals

ISFET
USE ion sensitive field effect transistors

Ishikawa diagrams
USE cause-effect analysis

Ising lattices
USE Ising model

Ising model
BT lattice theory
magnetism
SY *Ising lattices*
PT lattice theory and statistics
RT alloys
order-disorder transformations
X-Y model
DEU Ising-Modell

Ising-Modell
DEU for Ising model

island structure
BT solid structure
NT discontinuous metallic thin films
RT adsorbed layers
surface structure
DEU Inselgefüge

island-like metallic thin films
USE discontinuous metallic thin films

islanding
USE distributed power generation
+ power distribution faults

ISO standards
BT standards
PT standards
telecommunication standards
RT IEC standards
open systems
quality management
telecommunication standards
DEU ISO-Norm
DSY ISO-Standard

ISO-Norm
DEU for ISO standards

ISO-Standard
DUS für ISO standards

isobare Analogresonanz
DEU for isobaric analogue resonances

isobarer Analogzustand
DEU for isobaric analogue states

isobaric analog resonances
USE isobaric analogue resonances

isobaric analog states
USE isobaric analogue states

isobaric analogue resonances
BT isobaric analogue states
nuclear resonances
SY *isobaric analog resonances*
nuclear isobaric analog resonances
nuclear isobaric analogue resonances
PT nuclear energy levels
RT giant resonances
nuclear shape
DEU isobare Analogresonanz
DSY isobarische Analogresonanz

isobaric analogue states
BT nuclear energy levels
NT isobaric analogue resonances
SY *isobaric analog states*
nuclear isobaric analog states
nuclear isobaric analogue states
PT nuclear energy levels
RT nuclear collective states
DEU isobarer Analogzustand
DSY isobarischer Analogzustand

isobarische Analogresonanz
DUS für isobaric analogue resonances

isobarischer Analogzustand
DUS für isobaric analogue states

isobars
USE atmospheric pressure

isoelectronic series
PT atomic structure
atoms
ions
RT atomic structure
atoms
ions
DEU isoelektronische Reihe

isoelektronische Reihe
DEU for isoelectronic series

isolated word recognition
USE speech recognition

Isolation (elektrisch)
DEU for insulation

isolation technology
BT integrated circuit technology
semiconductor technology
SY *dielectric isolation technology*
oxide isolation technology
trench isolation technology
PT integrated circuit technology
semiconductor technology
RT oxidation
VLSI
DEU Isolationstechnik
DSY Isolationstechnologie
Isoliertechnik

Isolationsbeschichtung
DEU for insulating coatings

Isolationsdünnschicht
DEU for insulating thin films

Isolationskoordinierung
DEU for insulation co-ordination

Isolationsmaterial
DEU for insulating materials

Isolationsprüfung
DEU for insulation testing

Isolationstechnik
DEU for isolation technology

Isolationstechnologie
DUS für isolation technology

Isolationswerkstoff
DUS für insulating materials

Isolator
DEU for insulators

Isolatorenöl
DEU for insulating oils

Isolatorkontamination
DEU for insulator contamination

Isolatorprüfung
DEU for insulator testing

isolators, microwave
USE microwave isolators

Isolatortest
DUS für insulator testing

Isolatorverbundwerkstoff
DEU for composite insulating materials

Isolatorverunreinigung
DUS für insulator contamination

Isolierbeschichtung
DUS für insulating coatings

isolierende Beschichtung
DUS für insulating coatings

isolierende Dünnschicht
DUS für insulating thin films

Isolieröl
DUS für insulating oils

Isolierschicht
DUS für insulating coatings

Isolierschicht-FET
DEU for insulated gate field effect
transistors

Isoliertechnik
DUS für isolation technology

isolierter Draht
DEU for insulated wires

Isolierung (elektrisch)
DUS für insulation

Isolierwerkstoffkomposit
DUS für composite insulating materials

isomer shift
BT spectral line shift
PT Mossbauer effect
RT chemical shift
spectral line breadth
DEU Isomerverschiebung

isomeric nuclei
USE nuclear isomerism

Isomerie
DEU for isomerism

isomerisation
BT chemical reactions
SY *isomerization*
UF *photoisomerisation / isomerisation + photochemistry*
SY *rearrangement (molecular)*
RT isomerism
DEU Isomerisation

Isomerisation
DEU for isomerisation

isomerism
BT molecular configurations
NT rotational isomerism
SY *diastereoisomerism*
enantiomers
UF *isotopomers / isomerism + isotope effects*
SY *stereoisomerism*
tautomerism
RT isomerisation
DEU Isomerie

isomerism, nuclear
USE nuclear isomerism

isomerization
USE isomerisation

Isomerverschiebung
DEU for isomer shift

Isomorphie
DEU for isomorphism

isomorphism
BT crystallography
SY *isotypism*
RT polymorphism
DEU Isomorphie

isostatisches Pressen
DUS für pressing

isotachophoresis
USE electrophoresis

isothermal transformations
BT phase transformations
PT phase transformations
DEU isothermale Transformation
DSY isothermale Umwandlung

isothermale Transformation
DEU for isothermal transformations

isothermale Umwandlung
DUS für isothermal transformations

isothermes Gesenkformen
DUS für pressing

isothermisches Bainitumwandeln
DEU for austempering

Isotop
DEU for isotopes

isotope detection
RT isotopes
mass spectra
DEU Isotopen-Detektion

isotope dilution analysis
USE radioactive chemical analysis

isotope effects
NT isotope shifts
UF *isotopomers / isomerism + isotope effects*
RT isotopes
DEU Isotopeneffekt
DSY Isotopenwirkung

isotope exchanges
BT isotope separation
RT chemical exchanges
isotopes
DEU Isotopen-Austausch

isotope relative abundance
UF *abundance ratio / element relative abundance + isotope relative abundance*
RT element relative abundance
geophysics
isotopes
DEU Isotopenanzahlbestimmung
DSY Isotopenmengenbestimmung

isotope separation
BT separation
NT isotope exchanges
laser isotope separation
SY *Clusius-Dickel columns*
radioisotope separation
RT fission reactor fuel
fission reactor fuel preparation
fission reactor fuel reprocessing
isotopes
mass spectra

mass spectrometer applications
mass spectroscopic chemical analysis
mass spectroscopy
radiochemistry
thermal diffusion
DEU Isotopentrennung

isotope shifts
BT isotope effects
spectral line shift
PT isotope effects
RT isotopes
spectral line breadth
DEU Isotopenverschiebung

Isotopen-Austausch
DEU for isotope exchanges

Isotopen-Detektion
DEU for isotope detection

Isotopenanzahlbestimmung
DEU for isotope relative abundance

Isotopeneffekt
DEU for isotope effects

Isotopenmengenbestimmung
DUS für isotope relative abundance

Isotopentrennung
DEU for isotope separation

Isotopenverschiebung
DEU for isotope shifts

Isotopenwirkung
DUS für isotope effects

isotopes
NT radioisotopes
RT atomic mass
atoms
isotope detection
isotope effects
isotope exchanges
isotope relative abundance
isotope separation
isotope shifts
mass spectra
DEU Isotop

isotopic generators
USE radioactive sources

isotopic spin (elementary particles)
PT elementary particle symmetry
elementary particle theory
hyperon spin and parity
meson spin and parity
spin
RT baryon spin
elementary particle spin
elementary particle symmetry
elementary particle theory
hadron spin
hyperon spin
lepton spin
meson spin
nuclear isospin
spin
DEU isotopischer Spin (Elementarpartikel)
DSY isotopischer Spin (Elementarteilchen)

isotopischer Spin (Elementarpartikel)
DEU for isotopic spin (elementary particles)

isotopischer Spin (Elementarteilchen)
DUS für isotopic spin (elementary particles)

isotopomers
USE isomerism
\+ isotope effects

isotypism
USE isomorphism

IT management
USE DP management

iterated switching networks
BT switching networks
SY *iterative switching networks*
RT switching theory
DEU iteriertes Schaltnetz

iteration methods
USE iterative methods

Iterationsmethode
DEU for iterative methods

Iterationsverfahren
DUS für iterative methods

iterative block ciphers
USE cryptography

iterative Decodierung
DEU for iterative decoding

iterative decoding
BT decoding
iterative methods
PT decoding
iterative methods
RT turbo codes
DEU iterative Decodierung

iterative Methode
DUS für iterative methods

iterative methods
BT numerical analysis
NT expectation-maximisation algorithm
gradient methods
iterative decoding
Newton method
Newton-Raphson method
SY *Gauss-Seidel method*
iteration methods
UF *matching pursuits / iterative methods + time-frequency analysis*
SY *multistep methods*
waveform relaxation
RT predictor-corrector methods
DEU Iterationsmethode
DSY Iterationsverfahren
iterative Methode
iteratives Verfahren

iterative software design
USE software prototyping

iterative switching networks
USE iterated switching networks

iteratives Verfahren
DUS für iterative methods

iteriertes Schaltnetz
DEU for iterated switching networks

itinerant model of magnetism
USE band model of magnetism

ITS (intelligent transport systems)
USE intelligent transportation systems

ITS (intelligent tutoring systems)
USE intelligent tutoring systems

IV-VI semiconductors
BT semiconductor materials
SY *4-6 semiconductors*
UF *pseudobinary semiconductors / II-VI semiconductors + III-V semiconductors + III-VI semiconductors + IV-VI semiconductors + semiconductor materials*
PT semiconductor materials
DEU Vier-Sechs-Verbindung

IVHS
USE intelligent transportation systems

izod testing
USE dynamic testing

J (chemical element)
USE iodine
DEU J (chemisches Element)

J (chemisches Element)
DEU for J (chemical element)

J particles
USE psi mesons

j-j coupling
USE spin-orbit interactions

J-type stars
USE giant stars

jacks
USE lifting equipment

Jacobian matrices
BT matrix algebra
PT matrix algebra
DEU Jakobian-Matrix

Jahn-Teller effect
BT energy states
RT nuclear magnetic resonance spectra (general)
DEU Jahn-Teller-Effekt

Jahn-Teller-Effekt
DEU for Jahn-Teller effect

Jakobian-Matrix
DEU for Jacobian matrices

jamming
BT electronic warfare
radiofrequency interference
RT clutter

electronic countermeasures
radar
radio reception
white noise
DEU Störsignal
DSY Störstrahlung

JANET
USE information networks

Java
BT object-oriented languages
UF *applets / distributed programming + Java + object-oriented programming*
UF *JavaBeans / distributed object management + Java*
PT object-oriented languages
RT aspect-oriented programming
authoring languages
distributed programming
Internet
Java listings
DEU Java (Programmiersprache)

Java (Programmiersprache)
DEU for Java

Java listings
BT complete computer programs
PT complete computer programs
RT Java
DEU Java-Programm

Java-Programm
DEU for Java listings

JavaBeans
USE distributed object management
+ Java

Jaynes-Cummings model
BT quantum optics
PT quantum optics
RT atom lasers
atom-photon collisions
optical squeezing
population inversion
two-photon processes
DEU Jaynes-Cummings-Modell

Jaynes-Cummings-Modell
DEU for Jaynes-Cummings model

JCL (Jobsteuerung)
DEU for job control languages

jellies
USE gels

jellium
BT quantum statistical mechanics
SY *homogeneous electron gas (HEG)*
uniform electron gas (UEG)
PT quantum statistical mechanics
RT metal theory
DEU Elektronengas (QSM)
DSY Jellium (QSM)

Jellium (QSM)
DUS für jellium

jet engines
BT aerospace engines
UF *afterburners / fuel systems + incineration + jet engines*
SY *ramjet engines*
scramjet engines
turbofan engines
turbojet engines
turboprop engines
PT aerospace engines
RT aircraft
fans
gas turbines
jets
DEU Strahltriebwerk

jet flow
USE jets
DEU Freistrahl

jet fuel
USE petroleum

jet stream
USE atmospheric movements

jets
NT astrophysical jets
plasma jets
SY *jet flow*
RT aerodynamics
Couette flow
flow
hydrodynamics
jet engines
nozzles
orifices (mechanical)
sprays
vortices
wakes
water jet cutting
DEU Strahl

JFET
USE junction gate field effect transistors

JFET circuits
BT field effect transistor circuits
NT JFET integrated circuits
PT field effect transistor circuits
RT junction gate field effect transistors
DEU JFET-Schaltkreis
DSY JFET-Schaltung

JFET integrated circuits
BT field effect integrated circuits
JFET circuits
PT field effect integrated circuits
RT integrated optoelectronics
DEU integrierte JFET-Schaltung
DSY integrierter JFET-Schaltkreis

JFET switches
USE field effect transistor switches

JFET-Schaltkreis
DEU for JFET circuits

JFET-Schaltung
DUS für JFET circuits

jigs
USE fixtures

JIT
USE just-in-time

jitter
NT timing jitter
SY *phase jitter*
RT circuit noise
digital communication
distortion
interference
optical communication
optical modulation
phase locked loops
synchronisation
DEU Jitter (Signal)

Jitter (Signal)
DEU for jitter

job control language listings
BT complete computer programs
PT complete computer programs
RT job control languages
DEU Job-Control-Programm

job control languages
BT high level languages
operating systems (computers)
PT operating systems (computers)
problem oriented languages
RT job control language listings
DEU JCL (Jobsteuerung)
DSY Jobsteuerungssprache

job design
BT ergonomics
PT ergonomics
DEU Arbeitsgestaltung

job production systems
BT manufacturing systems
SY *bespoke production*
DEU Auftragsfertigungssystem

job rotation
USE multiskilling

job safety
USE occupational safety

job shop scheduling
BT production control
scheduling
PT production control
RT genetic algorithms
search problems
DEU Arbeitsplanung
DSY Ablaufplanung
Ablaufsteuerung
Arbeitsplanung in der Fertigung
Auftragseinplanung
Auftragsfertigung
auftragsorientierten
Belegungsplanung
Auftragssteuerung
Auftragsterminwesen
Belegungsplanung
Einzelauftragseinplanung
Fertigungsplanungsproblem
Maschinenwerkstattplanung
Werkstatt-Terminplanung
Werkstattablaufplanung

job specification
BT human resource management
RT multiskilling
recruitment
DEU Stellenbeschreibung

Job-Control-Programm
DEU for job control language listings

Job-Prozessor-Scheduling
DUS für processor scheduling

Jobmanagement im Multiprozessorsystem
DUS für processor scheduling

Jobsteuerungssprache
DUS für job control languages

Jod (chemisches Element)
DUS für iodine

Jodverbindung
DUS für iodine compounds

Johnson noise
USE thermal noise

joining materials
BT production materials
NT adhesives
filler metals
sealing materials
solders
RT joining processes
welds
DEU Fügewerkstoff

joining processes
BT manufacturing processes
NT bonding processes
cable jointing
crimping
nailing
riveting
soldering
splicing
stapling
welding
SY *attaching*
connecting
coupling (process)
fastening
linking
UF *sewing / joining processes* +
textile technology
PT forming processes
RT adhesion
couplings
fasteners
joining materials
microwave materials processing
DEU Verbinden (Prozess)

joint source-channel coding
USE combined source-channel coding

joint ventures
USE international collaboration
\+ organisational aspects
\+ research initiatives

jointing, cable
USE cable jointing

Josephson effect
BT superconductive tunnelling
SY *Shapiro steps*
PT Josephson junctions
RT Cooper pairs
proximity effect (superconductivity)
SQUIDs
superconducting arrays
superconducting junction devices
superconducting logic circuits
superconducting memory circuits
superconductor-normal-superconductor devices
DEU Josephson-Effekt

Josephson junction devices
USE superconducting junction devices

Josephson junctions
DEU Josephson-Knotenpunkt
DSY Josephson-Kreuzung
Josephson-Sperrschicht
Josephson-Übergang
Josephsonverbindung

Josephson logic circuits
USE superconducting logic circuits

Josephson memory circuits
USE superconducting memory circuits

Josephson-Effekt
DEU for Josephson effect

Josephson-Knotenpunkt
DEU for Josephson junctions

Josephson-Kreuzung
DUS für Josephson junctions

Josephson-Sperrschicht
DUS für Josephson junctions

Josephson-Übergang
DUS für Josephson junctions

Josephsonverbindung
DUS für Josephson junctions

Joshi effect
USE glow discharges

Joule-Thomson effect
BT thermodynamics
RT cooling
cryogenics
low-temperature production
DEU Joule-Thomson-Effekt

Joule-Thomson-Effekt
DEU for Joule-Thomson effect

joysticks
USE interactive devices

Judd-Ofelt theory
BT energy states
RT crystal field interactions
fluorescence
oscillator strengths
photoluminescence
radiative lifetimes
DEU Judd-Ofelt-Theorie

Judd-Ofelt-Theorie
DEU for Judd-Ofelt theory

jukebox storage systems
BT storage media
RT CD-ROMs
floppy discs
hard discs
DEU Jukebox-Speichersystem

Jukebox-Speichersystem
DEU for jukebox storage systems

junction detectors
USE semiconductor counters

junction gate field effect transistors
BT field effect transistors
SY *JFET*
PT field effect transistors
RT JFET circuits
DEU Sperrschicht-FET

junction lasers
USE semiconductor lasers

junctions, waveguide
USE waveguide couplers

junk e-mail
USE unsolicited e-mail

Jupiter
BT planets
PT planets
DEU Jupiter (Planet)

Jupiter (Planet)
DEU for Jupiter

juristischer Faktor
DEU for prejudicial factors

just-in-time
BT production management
stock control
SY *JIT*
PT production control
stock control
RT kanban
materials requirements planning
production control
push-pull production
DEU Just-in-Time-Betrieb

Just-in-Time-Betrieb
DEU for just-in-time

K (chemical element)
USE potassium
DEU K (chemisches Element)

K (chemisches Element)
DEU for K (chemical element)

K mesons
USE kaons

K-capture
USE nuclear electron capture

K-N interactions
USE kaon-nucleon interactions

k-out-of-n system reliability
USE consecutive system reliability

k.p calculations
BT band theory
PT band theory models
DEU k.p-Berechnung
DSY k.p-Kalkulation

k.p-Berechnung
DEU for k.p calculations

k.p-Kalkulation
DUS für k.p calculations

Kabel (elektrisch)
DUS für cables (electric)

Kabel (mechanisch)
DEU for cables (mechanical)

Kabelabschirmung
DEU for cable shielding

Kabelbaum (elektrisch)
DEU for trees (electrical)

Kabelfernsehen
DEU for cable television

Kabelfernsehtechnik
DUS für cable television

Kabelisolation
DEU for cable insulation

Kabelmantel
DEU for cable sheathing

Kabelprüfung
DEU for cable testing

Kabelrohr
DUS für bushings

Kabelschutzrohr
DUS für electric conduits

Kabeltest
DUS für cable testing

Kabelverbinder
DUS für electric connectors

Kabelverbinung
DEU for cable jointing

Kabelverlegesystem
DEU for cableway systems

Kabelverlegung
DEU for cable laying

Kachel
DUS für rebar

Kälteerzeugung
DEU for refrigeration

Kältemaschine
DEU for refrigerators

Kältemittel
DEU for refrigerants

Kältepumpe
DEU for cryopumping

Kältetechnik
DEU for cryogenics

Kaizen
USE continuous improvement

Kaizen (jap)
DEU for continuous improvement

Kalander
DEU for calenders

Kalibrieren
DEU for calibration

Kalibriermaschine
DUS für presses

Kalibrierung
DUS für calibration

Kalium
DEU for potassium

Kaliumlegierung
DEU for potassium alloys

Kaliumverbindung
DEU for potassium compounds

Kalkulation
DUS für calculation

Kalkulation (Fertigung)
DEU for quantity surveying

Kalkulation starker Bindung
DUS für tight-binding calculations

kalkulatorische Abschreibung
DUS für depreciation

Kalkulieren
DUS für calculation

Kalman filters
BT filters
NT adaptive Kalman filters
UF *extended Kalman filters / Kalman*

filters + nonlinear filters
UF *unscented Kalman filters / Kalman filters + nonlinear filters*
RT adaptive filters
filtering theory
H-infin filters
H2 filters
information theory
SLAM (robots)
time-varying filters
tracking filters
DEU Kalman-Filter

Kalman-Filter
DEU for Kalman filters

Kalorimeter
DEU for calorimeters

Kalorimetrie
DEU for calorimetry

kalte Kernschmelze
DEU for cold fusion

Kalthärten
DEU for work hardening

Kaltkathodenröhre
DEU for cold-cathode tubes

Kaltleiter
DEU for posistors

Kaltpressen
DUS für pressing

Kaltpresspassung
DUS für press fitting

Kaltumformen
DEU for cold working

Kaltwalzen
DEU for cold rolling

Kaluza-Klein theory
BT unified field theories
PT unified field theories
RT gravitation
higher dimensional cosmology
DEU Kaluza-Klein-Theorie

Kaluza-Klein-Theorie
DEU for Kaluza-Klein theory

Kamera
DEU for cameras

Kameralistik
DUS für finance

Kammfilter
DEU for comb filters

Kammwellenleiter
DEU for ridge waveguides

Kanal
DEU for canals

Kanal (Bauelement)
DEU for ducts

Kanal des additiven weißen Gauß-Rauschens
DUS für AWGN channels

Kanalabschätzung
DEU for channel estimation

Kanalcodierung
DEU for channel coding

Kanalfilterbank
DEU for channel bank filters

Kanalisieren
DEU for channelling

kanalisierte Strahlung
DEU for channelling radiation

Kanalkapazität
DEU for channel capacity

Kanalplattenverstärker
DEU for microchannel plates

Kanalspreizung
DEU for channel spacing

Kanalströmung
DEU for channel flow

Kanalzuweisung
DEU for channel allocation

kanban
BT production control
PT production control
RT just-in-time
stock control
DEU Kanban (Fertigung)

Kanban (Fertigung)
DEU for kanban

Kanne
DUS für cans

Kantenerkennung
DEU for edge detection

Kantenglättung
DUS für antialiasing

Kaon
DEU for kaons

kaon decay
BT meson decay
NT kaon hadronic decay
kaon leptonic decay
RT kaons
DEU Kaon-Zerfall

kaon hadronic decay
BT kaon decay
meson hadronic decay
PT kaon decay
RT kaon regeneration
DEU Kaon-Hadronischer-Zerfall

kaon interactions
USE kaon-baryon interactions
+ kaon-deuteron interactions
+ kaon-kaon interactions
+ kaon-nucleus reactions
+ meson-meson interactions

kaon leptonic decay
BT kaon decay
meson leptonic decay
PT kaon decay
DEU Kaon-Leptonischer Zerfall

kaon production
BT meson production
RT kaons
DEU Kaon-Produktion

kaon reactions
USE kaon-nucleus reactions

kaon regeneration
PT kaon hadronic decay
kaons
RT kaon hadronic decay
kaons
DEU Kaon-Regeneration

kaon resonances
USE meson resonances

kaon scattering
USE kaon-baryon scattering
+ kaon-deuteron scattering
+ kaon-kaon scattering
+ kaon-nucleus scattering
+ meson-meson scattering

Kaon-Atomkern-Reaktion
DEU for kaon-nucleus reactions

Kaon-Atomkern-Streuung
DEU for kaon-nucleus scattering

kaon-baryon interactions
BT meson-baryon interactions
UF *kaon interactions / kaon-baryon interactions* + *kaon-deuteron interactions* + *kaon-kaon interactions* + *kaon-nucleus reactions* + *meson-meson interactions*
PT kaon interactions
RT kaon-baryon scattering
DEU Kaon-Baryon-Wechselwirkung

kaon-baryon scattering
BT meson-baryon scattering
UF *kaon scattering / kaon-baryon scattering* + *kaon-deuteron scattering* + *kaon-kaon scattering* + *kaon-nucleus scattering* + *meson-meson scattering*
PT kaon scattering
RT kaon-baryon interactions
DEU Kaon-Baryon-Streuung

Kaon-Baryon-Streuung
DEU for kaon-baryon scattering

Kaon-Baryon-Wechselwirkung
DEU for kaon-baryon interactions

kaon-deuteron interactions
BT meson-deuteron interactions
UF *kaon interactions / kaon-baryon interactions* + *kaon-deuteron interactions* + *kaon-kaon interactions* + *kaon-nucleus reactions* + *meson-meson interactions*
PT meson-deuteron interactions
RT kaon-deuteron scattering
DEU Kaon-Deuteron-Wechselwirkung

kaon-deuteron scattering
BT meson-deuteron scattering
UF *kaon scattering / kaon-baryon scattering + kaon-deuteron scattering + kaon-kaon scattering + kaon-nucleus scattering + meson-meson scattering*
PT meson-deuteron scattering
RT kaon-deuteron interactions
DEU Kaon-Deuteron-Streuung

Kaon-Deuteron-Streuung
DEU for kaon-deuteron scattering

Kaon-Deuteron-Wechselwirkung
DEU for kaon-deuteron interactions

Kaon-Hadronischer-Zerfall
DEU for kaon hadronic decay

kaon-hyperon interactions
BT meson-hyperon interactions
PT kaon interactions
RT kaon-hyperon scattering
DEU Kaon-Hyperon-Wechselwirkung

kaon-hyperon scattering
BT meson-hyperon scattering
PT kaon scattering
RT kaon-hyperon interactions
DEU Kaon-Hyperon-Streuung

Kaon-Hyperon-Streuung
DEU for kaon-hyperon scattering

Kaon-Hyperon-Wechselwirkung
DEU for kaon-hyperon interactions

kaon-kaon interactions
BT meson-meson interactions
UF *kaon interactions / kaon-baryon interactions + kaon-deuteron interactions + kaon-kaon interactions + kaon-nucleus reactions + meson-meson interactions*
PT meson-meson interactions
RT kaon-kaon scattering
DEU Kaon-Kaon-Wechselwirkung

kaon-kaon scattering
BT meson-meson scattering
UF *kaon scattering / kaon-baryon scattering + kaon-deuteron scattering + kaon-kaon scattering + kaon-nucleus scattering + meson-meson scattering*
PT meson-meson scattering
RT kaon-kaon interactions
DEU Kaon-Kaon-Streuung

Kaon-Kaon-Streuung
DEU for kaon-kaon scattering

Kaon-Kaon-Wechselwirkung
DEU for kaon-kaon interactions

Kaon-Leptonischer Zerfall
DEU for kaon leptonic decay

kaon-neutron interactions
BT kaon-nucleon interactions
PT kaon-nucleon interactions
RT kaon-neutron scattering
DEU Kaon-Neutron-Wechselwirkung

kaon-neutron scattering
BT kaon-nucleon scattering
PT kaon-nucleon scattering
RT kaon-neutron interactions
DEU Kaon-Neutron-Streuung

Kaon-Neutron-Streuung
DEU for kaon-neutron scattering

Kaon-Neutron-Wechselwirkung
DEU for kaon-neutron interactions

kaon-nucleon interactions
BT meson-nucleon interactions
NT kaon-neutron interactions
kaon-proton interactions
SY *K-N interactions*
PT kaon interactions
RT kaon-nucleon scattering
kaon-nucleus reactions
DEU Kaon-Nukleon-Wechselwirkung

kaon-nucleon scattering
BT meson-nucleon scattering
NT kaon-neutron scattering
kaon-proton scattering
PT kaon scattering
RT kaon-nucleon interactions
kaon-nucleus scattering
DEU Kaon-Nukleon-Streuung

kaon-nucleus reactions
BT meson-nucleus reactions
UF *kaon interactions / kaon-baryon interactions + kaon-deuteron interactions + kaon-kaon interactions + kaon-nucleus reactions + meson-meson interactions*
SY *kaon reactions*

PT nuclear reactions and scattering due to mesons
RT kaon-nucleon interactions
DEU Kaon-Atomkern-Reaktion

kaon-nucleus scattering
BT meson-nucleus scattering
UF *kaon scattering / kaon-baryon scattering* + *kaon-deuteron scattering* + *kaon-kaon scattering* + *kaon-nucleus scattering* + *meson-meson scattering*
PT nuclear reactions and scattering due to mesons
RT kaon-nucleon scattering
DEU Kaon-Atomkern-Streuung

Kaon-Nukleon-Streuung
DEU for kaon-nucleon scattering

Kaon-Nukleon-Wechselwirkung
DEU for kaon-nucleon interactions

Kaon-Produktion
DEU for kaon production

kaon-proton interactions
BT kaon-nucleon interactions
PT kaon interactions
kaon-nucleon interactions
proton interactions
RT kaon-proton scattering
DEU Kaon-Proton-Wechselwirkung

kaon-proton scattering
BT kaon-nucleon scattering
PT kaon scattering
kaon-nucleon scattering
proton scattering
RT kaon-proton interactions
DEU Kaon-Proton-Streuung

Kaon-Proton-Streuung
DEU for kaon-proton scattering

Kaon-Proton-Wechselwirkung
DEU for kaon-proton interactions

Kaon-Regeneration
DEU for kaon regeneration

Kaon-Zerfall
DEU for kaon decay

kaonic atoms
BT mesic atoms
PT mesic atoms
RT pionic atoms
DEU kaonisches Atom

kaonisches Atom
DEU for kaonic atoms

kaons
BT mesons
strange particles
SY *K mesons*
RT kaon decay
kaon production
kaon regeneration
DEU Kaon

Kapazität (Kondensator)
DEU for capacitance

Kapazitätsmanagement (Computer)
DEU for capacity management (computers)

Kapazitätsmessung
DEU for capacitance measurement

Kapazitätsplanung (Fertigung)
DEU for capacity planning (manufacturing)

kapazitiver Sensor
DEU for capacitive sensors

Kapillardruck
DUS für pressure

Kapillarität
DEU for capillarity

Kapillarwelle
DEU for capillary waves

Kapitza resistance
BT interface phenomena
PT interface phenomena
liquid helium
thermal conductivity
RT liquid helium
superconducting materials
thermal conductivity
DEU Kapitza-Widerstand

Kapitza-Dirac effect
PT electron beams
light
Schwarz-Hora effect
RT electron beams
light
Schwarz-Hora effect
DEU Kapitza-Dirac-Effekt

Kapitza-Dirac-Effekt
DEU for Kapitza-Dirac effect

Kapitza-Widerstand
DEU for Kapitza resistance

Kaplan turbines
USE hydraulic turbines

Kapseln (Elektrotechnik)
DUS für packaging

Kardiologie
DEU for cardiology

kardiovaskuläres System
DEU for cardiovascular system

Karhunen-Loeve transforms
BT transforms
SY *KL transforms*
PT transforms
RT data compression
eigenvalues and eigenfunctions
encoding (general)
image processing
inverse transforms
signal processing
DEU Karhunen-Loeve-Transformation

Karhunen-Loeve-Transformation
DEU for Karhunen-Loeve transforms

Karte
DEU for charts

Kartografie
DEU for cartography

Karton
DEU for cartons

Karzinotron
DEU for carcinotrons

Kaskadenkontrolle
DEU for cascade control

Kaskadennetz
DEU for cascade networks

Kaskadennetzwerk
DUS für cascade networks

Kaskadenregelung
DUS für cascade control

Kaskadenschaltkreis
DUS für cascade networks

Kaskadenschaltung
DUS für cascade networks

Kaskadensteuerung
DUS für cascade control

Kaskadensystem
DEU for cascade systems

Kassenautomat
DUS für automatic teller machines

Kassensystem
DEU for point of sale systems

Katalogisierung
DEU for cataloguing

Katalysator
DEU for catalysts

Katalyse
DEU for catalysis

Katastrophe
DEU for disasters

Katastrophenmanagement
DUS für emergency management

Katastrophentheorie
DEU for catastrophe theory

Kategorientheorie
DEU for category theory

Katheter
DEU for catheters

Kathode
DEU for cathodes

Kathodenstrahl
DEU for cathode rays

Kathodenstrahloszillator
DEU for cathode-ray oscilloscopes

Kathodenstrahlröhre
DEU for cathode-ray tubes

Kathodenstrahlröhrenbildschirm
DEU for cathode-ray tube displays

Kathodochromismus
DEU for cathodochromism

Kathodolumineszenz
DEU for cathodoluminescence

Kation
DEU for positive ions

Kausalität
DEU for causality

Kavitation
DEU for cavitation

KBMS
USE deductive databases

KDP
USE potassium compounds

KdV equation
USE Korteweg-de Vries equation

Keil (mechanisches Element)
DEU for splines (mechanical components)

Keildruck
DUS für pressure

Keilpresse
DUS für presses

Keimausbildung
DEU for nucleation

Kellerautomat (Automatentheorie)
DEU for pushdown automata

Kellerspeicherautomat
DUS für pushdown automata

Kelterei
DEU for wineries

Kelvin waves
USE liquid waves
\+ ocean waves

Kelvin-Helmholtz instability
BT flow instability
plasma instability
PT flow instability
plasma instability
DEU Kelvin-Helmholtz-Instabilität

Kelvin-Helmholtz-Instabilität
DEU for Kelvin-Helmholtz instability

Kennzeichenextrahierung
DUS für feature extraction

Kepler laws
USE celestial mechanics

Keramik
DEU for ceramics

Keramikerzeugnis
DEU for ceramic products

Keramikfliese
DEU for tiles

Keramikindustrie
DEU for ceramic industry

Keramikisolation
DEU for ceramic insulation

Keramikisolator
DEU for ceramic insulators

Keramikkondensator
DEU for ceramic capacitors

Keramikverpackung
DEU for ceramic packaging

keramische Industrie
DUS für ceramic industry

keramisches Strangpressen
DUS für pressing

keratin
USE proteins

Kerbfestigkeit
DEU for notch strength

Kerbprüfung
DEU for notch testing

Kerbtest
DUS für notch testing

kerma
USE dosimetry

Kern
DEU for cores

Kern-Polarisation
DUS für nuclear polarisation

Kernanlagenaußerbetriebnahme
DUS für nuclear facility decommissioning

Kernanlagenregulierung
DUS für nuclear facility regulation

Kernbindungsenergie
DUS für nuclear binding energy

Kernbrennstoffsicherheit
DEU for nuclear materials safeguards

Kernbrennstoffwiederaufbereitungsanla ge
DUS für nuclear fuel cycle facilities

Kernchemie
DEU for nuclear chemistrie

Kernclustermodell
DUS für nuclear cluster model

Kerndichte
DUS für nuclear density

Kerndoppelmagnetresonanz
DUS für double nuclear magnetic resonance

Kernelektronik
DUS für nuclear electronics

kernels (operating systems)
USE operating system kernels

kernenergetische Computeranwendung
DUS für nuclear engineering computing

kernenergetische Rechneranwendung
DUS für nuclear engineering computing

Kernenergie
DUS für nuclear power

Kernenergieniveau
DUS für nuclear energy levels

Kernenergieniveaulebensdauer
DEU for nuclear energy level lifetimes

Kernenergieniveaulebenszeit
DUS für nuclear energy level lifetimes

Kernenergieniveauübergang
DUS für nuclear energy level transitions

Kernenergietechnik
DUS für nuclear engineering

Kernexplosion
DUS für nuclear explosions

Kernfeldtheorie
DUS für nuclear field theory

Kernflüssigkeitstropfenmodell
DEU for nuclear liquid drop model

Kernfusion
DEU for nuclear fusion

Kernfusionsreaktor
DEU for nuclear fusions reactors

Kernhalo
DEU for nuclear halos

Kernimpuls der Zündung
DEU for nuclear moment of inertia

Kernisomerismus
DEU for nuclear isomerism

Kernisospin
DEU for nuclear isospin

Kernkollektivmodell
DUS für nuclear collective model

Kernkollektivzustand
DUS für nuclear collective states

Kernkraft
DUS für atomic forces

Kernkraftwerk
DUS für nuclear power stations

Kernkraftwerksstilllegung
DUS für nuclear facility decommissioning

Kernladung
DUS für nuclear charge

Kernmagnetdoppelresonanz
DUS für double nuclear magnetic resonance

kernmagnetisches Moment
DUS für nucleon magnetic moment

Kernmagnetismus
DUS für nuclear magnetism

Kernmagnetresonanzbilderzeugung
DEU for NMR imaging

Kernmagnetresonanzbildgebung
DUS für NMR imaging

Kernmaterialtransport
DEU for nuclear materials transportation

Kernmaterialverpackung
DEU for nuclear materials packaging

Kernmaterie
DUS für nuclear matter

Kernmischungsratio
DEU for nuclear mixing ratios

Kernmodell
DUS für nuclear models

Kernniveau
DEU for core levels

kernoptisches Model
DEU for nuclear optical model

Kernparität
DEU for nuclear parity

Kernphasentransformation
DUS für nuclear phase transformations

Kernphysik
DUS für nuclear chemistry
nuclear physics

Kernpolarisation in Festkörpern
DEU for nuclear polarisation in solids

Kernquadrupolresonanz
DEU for nuclear quadrupole resonance

Kernreaktion durch einige Nukleonensysteme
DEU for nuclear reactions involving few nucleon systems

Kernreaktion und Streuung
DEU for nuclear reactions and scattering

Kernreaktion und Streuung durch Alphapartikel
DEU for nuclear reactions and scattering due to alpha-particles

Kernreaktion und Streuung durch Alphateilchen
DUS für nuclear reactions and scattering due to alpha-particles

Kernreaktion und Streuung durch Atomkerne mit Massezahl größer 2
DEU for nuclear reactions and scattering due to nuclei of Z greater-than 2

Kernreaktion und Streuung durch Deuteronen
DEU for nuclear reactions and scattering due to deuterons

Kernreaktion und Streuung durch einige Nukleonsysteme
DEU for nuclear reactions and scattering involving few nucleon systems

Kernreaktion und Streuung durch Elektronen
DEU for nuclear reactions and scattering due to electrons

Kernreaktion und Streuung durch Helium-3
DEU for nuclear reactions and scattering due to helium-3

Kernreaktion und Streuung durch Hyperonen
DEU for nuclear reactions and scattering due to hyperons

Kernreaktion und Streuung durch kosmische Strahlung
DEU for nuclear reactions and scattering due to cosmic rays

Kernreaktion und Streuung durch Mesonen
DEU for nuclear reactions and scattering due to mesons

Kernreaktion und Streuung durch Muonen
DEU for nuclear reactions and scattering due to muons

Kernreaktion und Streuung durch Neutrinos
DEU for nuclear reactions and scattering due to neutrinos

Kernreaktion und Streuung durch Neutronen
DEU for nuclear reactions and scattering due to neutrons

Kernreaktion und Streuung durch Nukleonen
DEU for nuclear reactions and scattering due to nucleons

Kernreaktion und Streuung durch Photonen
DEU for nuclear reactions and scattering due to photons

Kernreaktion und Streuung durch Protonen
DEU for nuclear reactions and scattering due to protons

Kernreaktion und Streuung durch Tritonen
DEU for nuclear reactions and scattering due to tritons

Kernreaktionstheorie
DUS für nuclear reaction theory

Kernreaktor
DUS für nuclear reactors

Kernreaktoraußerbetriebsetzung
DUS für nuclear facility decommissioning

Kernreaktorausstattung
DUS für nuclear reactor instrumentation

Kernreaktordampfgenerator
DUS für nuclear reactor steam generators

Kernreaktorinstandhaltung
DEU for nuclear reactor maintenance

Kernreaktorinstrumentierung
DUS für nuclear reactor instrumentation

Kernreaktorqualitätssicherung
DUS für nuclear reactor quality assurance

Kernreaktorunterhaltung
DUS für nuclear reactor maintenance

Kernresonanz
DUS für nuclear resonances

Kernresonanz-Spektrokopie
DEU for magnetic resonance spectroscopy

Kernresonanz-Spektrometer
DEU for magnetic resonance spectrometers

Kernresonanz-Spektroskopie
DEU for NMR spectroscopy

Kernresonanzreaktion
DUS für nuclear resonance reactions

Kernresonanzspektrometer
DUS für magnetic resonance spectrometers
magnetic resonance spectroscopy

Kernresonanzspektrometrie
DUS für magnetic resonance spectroscopy

Kernresonanzspektroskopie
DUS für magnetic resonance spectroscopy
NMR spectroscopy

Kernresonanzstreuung
DUS für nuclear resonance scattering

Kernrotationszustand
DEU for nuclear rotational states

Kernschalenmodell
DUS für nuclear shell model

Kernschmelze
DUS für nuclear fusion

Kernspaltprodukt
DUS für fission products

Kernspaltreaktor
DUS für nuclear fission reactors

Kernspaltung
DEU for fission

Kernspaltungsprodukt
DUS für fission products

kernspektroskopischer Faktor
DEU for nuclear spectroscopic factors

Kernspin
DUS für nuclear spin

Kernspintomographie
DEU for magnetic resonance imaging

Kernspuremulsion
DUS für nuclear track emulsions

Kernstrahl
DUS für atomic beams

Kernstrahlenelektroresonanz
DUS für atomic beam electric resonance

Kernstrahlenmagnetresonanz
DUS für atomic beam magnetic resonance

Kernstrahlung
DUS für atomic beams

Kernstrahlungselektroresonanz
DUS für atomic beam electric resonance

Kernstrahlungsmagnetresonanz
DUS für atomic beam magnetic resonance

Kernstruktur
DEU for nuclear structure

Kernstrukturtheorie
DUS für nuclear structure theory

Kernsuperdeformationszustand
DEU for nuclear superdeformed states

Kernsuperfluidmodell
DEU for nuclear superfluid model

Kernsynthese
DUS für nucleosynthesis

Kerntechnik
DUS für nuclear engineering

kerntechnische Computeranwendung
DUS für nuclear engineering computing

kerntechnische Instrumentierung
DUS für nuclear instrumentation

kerntechnische Rechneranwendung
DUS für nuclear engineering computing

Kernteilungsverhältnis
DUS für nuclear branching ratios

Kernverschränkungsmodell
DUS für nuclear cranking model

Kernvibrationszustand
DEU for nuclear vibrational states

Kernzerfall durch Schwerionenemission
DUS für nuclear decay by heavy ion emission

kerosene
USE petroleum

Kerr effect (optical)
USE optical Kerr effect

Kerr electro-optical effect
BT electro-optical effects
SY *electro-optical Kerr effect*
PT electro-optical effects
RT birefringence
optical Kerr effect
optical self-focusing
self-focusing
DEU elektrooptischer Kerr-Effekt

Kerr magneto-optical effect
BT magneto-optical effects
SY *magneto-optical Kerr effect*
MOKE
PT magneto-optical effects
RT magneto-optical recording
optical rotation
DEU magnetoptischer Kerr-Effekt

Kerr metric
USE black holes

Kette
DEU for chains

Kettenfahrzeug
DEU for tracked vehicles

Kettenfilter
DUS für ladder filters

Kettenrad
DEU for sprockets

Kevlar
USE polymer fibres

key and hole rule
USE Shpolskii spectra

keyboards
BT interactive devices
SY *keypads*
RT typewriters
DEU Tastatur

keypads
USE keyboards

keys (locking)
BT mechanical products
SY *keyways*
locks
RT doors
fasteners
security
shafts
windows (construction)
DEU Schlüssel

keyways
USE keys (locking)

Kfz
DUS für automobiles

Kfz-Technik
DUS für automotive engineering

kidney
BT biological organs
RT biological fluid dynamics
physiology
DEU Niere

Kikuchi lines
USE electron diffraction crystallography

killed steel
USE alloy steel

kilns
BT furnaces
PT furnaces
RT brick industry
calcination
drying
DEU Brennofen

Kilometerzähler
DUS für odometers

kinematics
BT mechanics
NT acceleration
ballistics
robot kinematics
RT angular momentum theory
dynamics
gait analysis
kinetic theory
DEU Kinematik

Kinematik
DEU for kinematics

kinescope
USE television picture tubes

kinetic theory
NT plasma kinetic theory
UF *kinetic theory of liquids / kinetic theory + liquid theory*
RT Boltzmann equation
collision processes
Fokker-Planck equation
intermolecular mechanics
kinematics
Knudsen flow
molecules
Morse potential
statistical mechanics
transport processes
DEU Kinetiktheorie
DSY kinetische Theorie

kinetic theory of liquids
USE kinetic theory
\+ liquid theory

kinetics of chemical reactions
USE reaction kinetics

Kinetiktheorie
DEU for kinetic theory

kinetische Plasmatheorie
DEU for plasma kinetic theory

kinetische Theorie
DUS für kinetic theory

kink bands
SY *bands (kink)*
PT dislocations
plastic deformation
RT dislocation jogs
plastic deformation
slip
DEU Schleifenband

kink instability
BT plasma instability
PT plasma instability
RT plasma confinement
plasma fluctuations

plasma oscillations
DEU Kink-Instabilität
DSY Schleifeninstabilität

Kink-Instabilität
DEU for kink instability

kinoforms
USE computer-generated holography

Kippgrenze
DEU for tilt boundaries

Kippschaltung
DEU for multivibrators

Kirkendall effect
USE chemical interdiffusion

Kiste
DEU for boxes

kitchen appliances
USE domestic appliances
DEU Küchengerät

KKR calculations
BT band theory
orbital calculations
SY *Korringa-Kohn-Rostoker calculations*
PT band theory models
orbital calculation methods
RT Green's function methods
DEU KKR-Berechnung
DSY KKR-Kalkulation

KKR-Berechnung
DEU for KKR calculations

KKR-Kalkulation
DUS für KKR calculations

KL transforms
USE Karhunen-Loeve transforms

Kläranlage
DEU for wetlands

Klärschlammtechnik
DEU for sludge treatment

Klärung (Reinigung)
DUS für purification

Klammer
DEU for clamps

Klappe
DEU for valves

Klapprechner
DEU for laptop computers

Klassifikation
DEU for classification

klassische Feldtheorie
DEU for classical field theory

klassische Mechanik
DEU for classical mechanics

Klebebonden
DEU for adhesive bonding

Kleber
DEU for adhesives

Klebstoff
DUS für adhesives

Kleine Magallansche Wolke
DEU for Small Magellanic Cloud

kleine Polaronleitfähgkeit
DEU for small polaron conduction

kleine und mittlere Unternehmen
DEU for small-to-medium enterprises

Kleine-Welt-Netz
DEU for small-world networks

Kleinelektromotor
DUS für small electric machines

kleines bis mittleres Unternemen
DUS für small-to-medium enterprises

Kleinhirnmodell-Arithmetikcomputer
DEU for cerebellar model arithmetic computers

Klemmliniendruck
DUS für pressure

Klempnerausrüstung
DEU for plumbing equipment

Klimaschutz
DUS für climate mitigation

Klimatisierung
DEU for air conditioning

Klimatisierung
DUS für ventilation

Klimatologie
DEU for climatology
climatology

Klinge
DEU for blades

Klingel
DUS für bells

Klirrfaktor
DUS für acoustic distortion

Klumpenparameternetzwerk
DUS für lumped parameter networks

Klystron
DEU for klystrons

klystrons
BT magnetic impurities
vacuum tubes
NT optical klystrons
UF *gyroklystrons / gyrotrons* + *klystrons*
RT cavity resonators
oscillators
UHF tubes
DEU Klystron

KMU (Klein- und Mittelbetriebe)
DUS für small-to-medium enterprises

knapsack problems
BT operations research
NT bin packing
PT operations research
DEU Rucksackproblem

Knicken
DEU for buckling

Kniehebelpresse
DUS für presses

Knight shift
BT nuclear magnetic resonance
spectral line shift
PT nuclear magnetic resonance
RT chemical shift
DEU Knight-Verschiebung

Knight-Verschiebung
DEU for Knight shift

knitted fabric composites
USE fabrics
\+ woven composites

knitting machines
BT textile machinery
PT textile industry
RT clothing industry
DEU Strickmaschine

knitwear industry
USE clothing industry
DEU Maschenwarenindustrie

knobs
USE handles

Knochen
DEU for bone

knock-on reactions
BT direct reactions
PT direct nuclear reactions and scattering
DEU Einschalreaktion

knock-out reactions
BT direct reactions
PT direct nuclear reactions and scattering
DEU Ausschaltreaktion

knowledge acquisition
BT knowledge engineering
NT data mining
SY *knowledge elicitation*
knowledge extraction
UF *rule generation / knowledge acquisition + learning (artificial intelligence)*
PT knowledge engineering
RT expert systems
DEU Wissenserfassung

knowledge base management systems
USE deductive databases

knowledge based systems
NT expert systems
intelligent control
intelligent tutoring systems
software agents

SY *IKBS*
intelligent knowledge based systems
production systems (rules)
rule based systems
PT expert systems
RT deductive databases
knowledge representation
planning (artificial intelligence)
DEU wissensbasiertes System

knowledge discovery
USE data mining

knowledge elicitation
USE knowledge acquisition

knowledge engineering
BT artificial intelligence
NT belief maintenance
explanation
inference mechanisms
knowledge acquisition
knowledge representation
knowledge verification
truth maintenance
PT artificial intelligence
RT knowledge management
user modelling
DEU Ingenieurwissensverarbeitung
DSY Wissenstechnik
Wissensverarbeitungstechnik

knowledge extraction
USE knowledge acquisition

knowledge management
BT administrative data processing
management
UF *intellectual capital / industrial property + knowledge management*
PT business data processing
management
RT business data processing
competitive intelligence
data warehouses
information management
information resources
knowledge engineering
management information systems
semantic Web
DEU Wissensmanagement

knowledge representation
BT knowledge engineering
NT belief networks
blackboard architecture
frame based representation
knowledge representation languages
ontologies (artificial intelligence)
semantic networks
PT knowledge engineering
RT explanation
formal concept analysis
knowledge based systems
logic programming
DEU Wissensdarstellung

knowledge representation languages
BT high level languages
knowledge representation
NT description logic
SY *OWL*
Web Ontology Language
PT knowledge representation
DEU Wissensrepräsentationssprache

knowledge verification
BT knowledge engineering
SY *expert system verification*
PT knowledge engineering
RT formal verification
DEU Wissenskontrolle
DSY Wissensüberprüfung
Wissensverifizierung

Knudsen flow
BT flow
rarefied fluid dynamics
SY *Knudsen number*
RT kinetic theory
slip flow
DEU Knudson-Strömung

Knudsen number
USE Knudsen flow

Knudson-Strömung
DEU for Knudsen flow

Knüppel
DEU for billets

Koagulation
DEU for coagulation

Koaxialkabel
DEU for coaxial cables

Koaxialwellenleiter
DEU for coaxial waveguides

Kobold (Leuchterscheinung)
DEU for sprites

Kochen
DEU for boiling

körniger Stoff
DUS für granular materials

körniger Werkstoff
DUS für granular materials

körniges Gut
DUS für granular materials

körniges Material
DUS für granular materials

Körpernetz
DEU for body area networks

Körperschallwellengerät
DEU for bulk acoustic wave devices

Körpersensornetz
DEU for body sensor networks

Koerzitivfeldstärke
DEU for coercive force

Kofferkuli
DUS für trolleys

kognitiver Funk
DEU for cognitive radio

kognitives System
DEU for cognitive systems

kohärente antiStokes-Raman-Streuung
DEU for coherent antiStokes Raman scattering

kohärentes Licht
DEU for light coherence

Kohärenz (Linguistik)
DEU for coherence

Kohärenz (Metallurgie)
DUS für coherence

Kohärenz (Physik)
DUS für coherence

Kohärenz (Psychologie)
DUS für coherence

Kohärenz (Signalanalyse)
DUS für coherence

Kohärenzlänge
DEU for coherence length

Kohle
DEU for coal

Kohlefaser
DUS für carbon fibres

Kohlenasche
DEU for coal ash

Kohlendioxidpartialdruck
DUS für pressure

Kohlenfaserverbundstoff
DEU for carbon fibre reinforced composites

kohlenfaserverstärkter Kunststoff
DUS für carbon fibre reinforced plastics

kohlenfaserverstärktes Komposit
DUS für carbon fibre reinforced composites

Kohlenstoff
DEU for carbon

Kohlenstoff-Nanoröhrchen
DEU for carbon nanotubes

Kohlenstofffaser
DUS für carbon fibres

kohlenstofffaserverstärkter Kunststoff
DUS für carbon fibre reinforced plastics

kohlenstofffaserverstärktes Komposit
DUS für carbon fibre reinforced composites

Kohlenstoffnanoröhrchen
DUS für carbon nanotubes

Kohlenstoffnanoröhrchen-Feldeffekttransistor
DEU for carbon nanotube field effect transistors

Kohlenstoffnanoröhre
DUS für carbon nanotubes

Kohlenstoffstahl
DEU for carbon steel

Kohlenstoffverbindung
DEU for carbon compounds

Kohlenwasserstoffquelle
DEU for hydrocarbon reservoirs

Kohlenwasserstoffreserve
DUS für hydrocarbon reservoirs

Kohlenwasserstoffreservoir
DUS für hydrocarbon reservoirs

Kohlevergasung
DEU for coal gasification

Kohonen self-organising maps
USE self-organising feature maps

Koinzidenzmethode
DEU for coincidence techniques

Koinzidenzschaltung
DEU for coincidence circuits

Koinzidenztechnik
DUS für coincidence techniques

Kokanalinterferenz
DEU for cochannel interference

Koks
DEU for coke

Kolben
DEU for pistons

Kollektor (elektrische Maschine)
DEU for commutators

Kollimator
DEU for collimators

Kollision
DEU for collision processes

Kollisionsschutz
DEU for collision avoidance

Kolloid
DEU for colloids

kolloidales Kristall
DEU for colloidal crystals

kolossale Magnetoresistenz
DEU for colossal magnetoresistance

Kombinatorik
DEU for combinatorial mathematics

kombinatorische Schaltung
DEU for combinational circuits

kombinatorischer Schaltkreis
DUS für combinational circuits

kombinatorisches Netzwerk
DUS für combinational circuits

kombinierte Quellen- und Kanalcodierung
DEU for combined source-channel coding

Komet
DEU for comets

Kometenkern
DEU for cometary nuclei

Kommando- und Steuersystem
DEU for command and control systems

kommerzielle Datenverarbeitung
DEU for business data processing

Kommisionieren
DEU for commissioning

Kommisionierung
DUS für commissioning

Kommissioniersystem
DUS für order picking

Kommissionierung
DUS für order picking

kommunales Abwasser
DUS für wastewater

Kommunikation (Biologie)
DEU for biocommunications

Kommunikation auf See
DEU for marine communication

Kommunikations-Komplexität
DEU for communication complexity

Kommunikationskomplexität
DUS für communication complexity

Kommunikationsnetzzuverlässigkeit
DEU for telecommunication network reliability

Kommunikationsreihenfolgeprozess
DEU for communicating sequential processes

Kommutatormotor
DEU for commutator motors

Kompaktieren
DEU for compaction

Kompandierung
DEU for compandors

Komparator (Vergleichsschaltung)
DEU for comparators (circuits)

Kompass
DEU for compasses

Kompassanlage
DUS für compasses

Kompensation
DUS für compensation

Komplementarität
DEU for complementarity

komplexe Winkelmomentebene
DEU for complex angular momentum plane

komplexes Netzwerk
DEU for complex networks

Komplexität der Kommunikation
DUS für communication complexity

Kompositisolator
DEU for composite insulators

Kompositwerkstoffinterface
DEU for composite material interfaces

Kompressibilität
DEU for compressibility

kompressible Strömung
DEU for compressible flow

Kompressionsdruck
DUS für pressure

Kompressor
DEU for compressors

Kondensation
DEU for condensation

Kondensator (Dampfturbinenkraftwerk)
DEU for condensers (steam plant)

Kondensatordruck
DUS für pressure

Kondensatormotor
DEU for capacitor motors

Kondensatorschalter
DEU for capacitor switching

Kondensatorschaltfilter
DEU for switched capacitor filters

Kondensatorschaltnetzwerk
DEU for switched capacitor networks

Kondensatorspeicher
DEU for capacitor storage

Kondo effect
BT impurity scattering
RT dilute alloys
dilute magnetic materials
exchange interactions (electron)
Fermi liquid
impurity states
DEU Kondo-Effekt

Kondo-Effekt
DEU for Kondo effect

Konfektionieren
DUS für packaging

Konfigurationsmanagement
DEU for configuration management

Konfigurationswechselwirkung
DEU for configuration interactions

konformale Antenne
DEU for conformal antennas

konformale Beschichtung
DEU for conformal coatings

konformale Feldtheorie
DEU for conformal field theory

konformale Symmetrie
DEU for conformal symmetry

konformales Beschichten
DUS für conformal coatings

konforme Abbildung
DEU for conformal mapping

konische Antenne
DEU for conical antennas

konkave Programmierung
DEU for concave programming

Konkurrenz-Theorie (Computer)
DEU for concurrency theory

Konkurrenzalgorithmus
DEU for competitive algorithms

Konkurrenzintelligenz
DEU for competitive intelligence

konkurrierende Intelligenz
DUS für competitive intelligence

konkurrierender Algorithmus
DUS für competitive algorithms

Konkurs
DEU for bankruptcy

Konservenbüchse
DUS für cans

Konservendose
DUS für cans

Konservierungsmittel
DEU for preservatives

Konstante
DEU for constants

Konstruktionswesen
DUS für engineering

Konsultant
DUS für consultancies

Konsumelektronik
DEU for consumer electronics

Konsumgüter
DEU for consumer products

Konsumprodukt
DUS für consumer products

Kontaktbildschirm
DEU for touch sensitive screens

Kontaktgeber
DEU for contactors

Kontaktlinse
DEU for contact lenses

Kontaktspannung
DEU for contact potential

Kontaktwiderstand
DEU for contact resistance

Kontaktwinkel
DEU for contact angle

Kontamination
DEU for contamination

kontext-sensitive Grammatik
DEU for context-sensitive grammars

kontext-sensitive Sprache
DEU for context-sensitive languages

kontextbasierte Recherche
DEU for content-based retrieval

kontextbasierte Suche
DUS für content-based retrieval

kontextfreie Grammatik
DEU for context-free grammars

kontextfreie Sprache
DEU for context-free languages

kontinuierliche Ausbildung
DEU for continuing education

kontinuierliche berufliche Weiterbildung
DEU for continuing professional development

kontinuierliche Bildung
DUS für continuing education

kontinuierliche Phasenmodulation
DEU for continuous phase modulation

kontinuierlicher Verbesserungsprozess
DUS für continuous improvement

kontinuierliches System
DEU for continuous systems

Kontinuitätsmechanik
DEU for continuum mechanics

Kontoführung von Zuhause
DUS für home banking

Kontrolle
DEU for control

Kontrolle der Feuchtigkeit
DUS für humidity control

Kontrolle der Winkelgeschwindigkeit
DEU for angular velocity control

Kontrolle elektrischer Größen
DEU for electric variables control

Kontrolle mechanischer Größen
DEU for mechanical variables control

Kontrolle mechanischer Variablen
DUS für mechanical variables control

Kontrolle optischer Größen
DEU for optical variables control

Kontrolle optischer Variablen
DUS für optical variables control

Kontrolle spezifischer Größen
DEU for control of specific variables

Kontrolle spezifischer Variablen
DUS für control of specific variables

Kontrolle thermischer Größen
DEU for thermal variables control

Kontrolle thermischer Variabler
DUS für thermal variables control

Kontrollkarte
DEU for control charts

Konvektion
DEU for convection

Konvergenz
DEU for convergence

Konvergenz numerischer Verfahren
DEU for convergence of numerical methods

Konversionselektronenspektrum
DEU for conversion electron spectra

Konverter
DEU for convertors

konvexe Programmierung
DEU for convex programming

Konvolution
DUS für convolution

Konzentrationsdefekt
DUS für dislocations

kooperative Kommunikation
DEU for cooperative communication

Koordinatenmessmaschine
DEU for coordinate measuring machines

Koordinatenschreiber
DEU for plotters

Koordinationskomplex
DEU for coordination complexes

Kopfhörer
DEU for headphones

Kopierschutz
DEU for copy protection

Kopierverfahren
DEU for reproduction (copying)

Koplanarleitung
DEU for coplanar transmission lines

Koplanarübertragungsleitung
DUS für coplanar transmission lines

Koplanarwellenleiter
DEU for coplanar waveguides

Koplanarwellenleiterkomponente
DEU for coplanar waveguide components

Koppelanordnung
DEU for switching networks

Koppelmodeanalyse
DUS für coupled mode analysis

Koppelmodusanalyse
DUS für coupled mode analysis

Koppeloszillator
DEU for feedback oscillators

Koppelverstärker
DEU for feedback amplifiers

Korn (Form)
DUS für granular materials

Kornfeinung
DEU for grain refinement

kornförmiger Werkstoff
DUS für granular materials

kornförmiges Material
DUS für granular materials

Korngrenze
DEU for grain boundaries

Korngrenzendiffusion
DEU for grain boundary diffusion

Korngrenzenseigerung
DEU for grain boundary segregation

Korngröße
DEU for grain size

Kornstruktur
DUS für granular structure

Kornverfeinerung
DUS für grain refinement

Kornwachstum
DEU for grain growth

Korona
DEU for corona

Koronagraph
DEU for coronagraphs

Koronamassenausbruch
DEU for solar coronal mass ejections

Koronamassenauswurf
DUS für solar coronal mass ejections

Korrelationsmethode
DEU for correlation methods

Korrelationstheorie
DEU for correlation theory

Korrelationsverfahren
DUS für correlation methods

Korrelator
DEU for correlators

Korrespondenzprinzip
DEU for correspondence principle

Korringa-Kohn-Rostoker calculations
USE KKR calculations

Korrosion
DEU for corrosion

Korrosionsbeständigkeit
DEU for corrosion resistance

Korrosionsermüdung
DEU for corrosion fatigue

Korrosionsinhibitor
DEU for corrosion inhibitors

Korrosionsprüfung
DEU for corrosion testing

Korrosionsschutz
DEU for corrosion protection

Korrosionsschutzüberzug
DEU for corrosion protective coatings

Korteweg-de Vries equation
BT wave equations
SY *KdV equation*
PT wave equations
DEU Korteweg-de-Vries-Gleichung

Korteweg-de-Vries-Gleichung
DEU for Korteweg-de Vries equation

Korund
DEU for corundum

Kosmetikartikel
DEU for cosmetics

kosmische Anfangsstrahlung
DEU for cosmic ray origin

kosmische Beschleunigung
DEU for cosmic acceleration

kosmische Galaxienstrahlung
DUS für galactic cosmic rays

kosmische Hintergrundstrahlung
DEU for cosmic background radiation

kosmische Hochfrequenzstrahlung
DEU for radiofrequency cosmic radiation

kosmische Kernstrahlung
DEU for cosmic ray nuclei

kosmische Radiofrequenzstrahlung
DUS für radiofrequency cosmic radiation

kosmische Strahlenapparatur
DEU for cosmic ray apparatus

kosmische Strahlung
DEU for cosmic rays

kosmische Strahlungsausbreitung
DEU for cosmic ray propagation

kosmische Strahlungssolarmodulation
DEU for cosmic ray solar modulation

kosmische Strahlungsvariation
DEU for cosmic ray variations

kosmische Strahlungswechselwirkung
DEU for cosmic ray interactions

kosmische Ursprungsstrahlung
DUS für cosmic ray origin

kosmische Urstrahlung
DUS für cosmic ray origin

kosmischer Maser
DUS für astronomical masers

kosmischer Staub
DEU for cosmic dust

kosmischer Strahlungsschauer
DEU for cosmic ray showers

kosmisches Strahlungs-Meson
DEU for cosmic ray mesons

kosmisches Strahlungs-Muon
DEU for cosmic ray muons

kosmisches Strahlungselektron
DEU for cosmic ray electrons

kosmisches Strahlungsenergiespektrum
DEU for cosmic ray energy spectra

kosmisches Strahlungsneutrino
DEU for cosmic ray neutrinos

kosmisches Strahlungsneutron
DEU for cosmic ray neutrons

kosmisches Strahlungsproton
DEU for cosmic ray protons

Kosmologie
DEU for cosmology

Kosten
DEU for costing

Kosten-Nutzen-Analyse
DEU for cost-benefit analysis

Kostenabrechnung
DUS für cost accounting

Kosteneinsparung
DUS für cost reduction

Kostenerfassung
DUS für cost accounting

Kostenermittlung
DUS für costing

kostenoptimierte Steuerung
DEU for cost optimal control

Kostenoptimierung
DUS für cost optimal control

Kostenoptimierungsregel
DUS für cost optimal control

Kostenplanung
DEU for budgeting

Kostenrechnung
DEU for cost accounting

Kostenreduzierung
DUS für cost reduction

Kostensenkung
DEU for cost reduction

Kostenverringerung
DUS für cost reduction

Kostenzuordnung
DUS für cost accounting

Kosterlitz-Thouless transition
BT phase transformations
RT magnetic transitions
superconducting transitions
X-Y model
DEU Kosterlitz-Thouless-Übergang

Kosterlitz-Thouless-Übergang
DEU for Kosterlitz-Thouless transition

Kovarianzanalyse
DEU for covariance analysis

Kovarianzmatrix
DEU for covariance matrices

Kr (chemisches Element)
USE krypton

Krach
DUS für noise

Kräuseln
DEU for crimping

Kraft
DEU for force

Kraft-Wärme-Kopplung
DEU for cogeneration

Kraftfahrzeug
DUS für automobiles

Kraftfahrzeug-Drehstromgenerator
DUS für AC generators

Kraftfahrzeugantenne
DUS für mobile antennas

Kraftfahrzeugbau
DUS für automobile industry

Kraftfahrzeugelektrik
DUS für automotive electrics

Kraftfahrzeugelektronik
DUS für automotive electronics

Kraftfahrzeugindustrie
DUS für automobile industry

Kraftfahrzeugmaterial
DUS für automotive materials

Kraftfahrzeugtechnik
DUS für automotive engineering

Kraftfahrzeugwechselspannungsgenera tor
DUS für AC generators

Kraftfahrzeugwechselstromgenerator
DUS für AC generators

Kraftfahrzeugwerkstoff
DUS für automotive materials

Kraftmessgerät
DEU for power meters

Kraftmessung
DEU for force measurement

Kraftregelung
DEU for force control

Kraftrückkopplung
DEU for force feedback

Kraftsensor
DEU for force sensors

Kraftsteuerung
DUS für force control

Kraftstoffaufbereitung
DUS für fuel processing

Kraftstoffausbereitung
DUS für fuel processing

Kraftstoffdampf
DUS für pressure

Kraftstoffentschwefelung
DEU for fuel desulphurisation

Kraftstofffilter
DEU for fuel filters

Kraftstoffpumpe
DEU for fuel pumps

Kraftübertragung (mechanisch)
DEU for power transmission (mechanical)

Kraftwagenwechselstromgenerator
DUS für AC generators

Kraftwerk
DEU for power stations

Kraftwerksanlage
DEU for power plants

Kraftwerkskontrolle
DEU for power station control

Kraftwerksleistung
DEU for power station load

Kraftwerksregelung
DUS für power station control

Kraftwerkssteuerung
DUS für power station control

Kramers-Kronig relations
BT dispersion relations
PT dielectric properties of substances
RT dielectric function
optical constants
spectra (general)
DEU Kramers-Kronig-Beziehung
DSY Kramers-Kronig-Relation

Kramers-Kronig-Beziehung
DEU for Kramers-Kronig relations

Kramers-Kronig-Relation
DUS für Kramers-Kronig relations

Kran
DEU for cranes

Krankenfahrstuhl
DEU for wheelchairs

Krankenhaus
DUS für hospitals

Krankenmobiliar
DEU for clinical equipment

Krankheit
DEU for diseases

Krankheit
DUS für medical disorders

Krebs
DEU for cancer

Kreditabwicklung
DEU for credit transactions

Kreditlinie
DEU for letters of credit

Kreditvertrag
DUS für letters of credit

Kreisbeschleuniger
DEU for cyclic accelerators

Kreisel
DUS für gyroscopes

Kreiselmessgerät
DUS für gyroscopes

kreisförmiger Riss
DEU for penny-shaped cracks

Kreiskolbenmotor
DEU for rotary engines

Kreiskonverter
DUS für rotary convertors

Kreisströmung
DEU for rotational flow

Kreiswellenleiter
DEU for circular waveguides

Kriech-Erholung
DEU for recovery-creep

Kriechbruch
DEU for creep fracture

Kriechen
DEU for creep

Kriecherholung
DUS für recovery-creep

Kriechfluss
DUS für flux creep

Kriechströmung
DEU for creeping flow

Kriechtest
DEU for creep testing

kriging
USE geophysical techniques
\+ statistical analysis

Kriminalrecht
DEU for criminal law

krimineller Bankrott
DEU for criminal bankruptcy

Krimpen
DUS für crimping

Kristall
DEU for crystals

Kristallbindung
DEU for crystal binding

Kristallchemie
DEU for crystal chemistry

Kristalldefekt
DEU for crystal defects

Kristalleigenschaften
DEU for crystal properties

Kristallfehler
DUS für crystal defects

Kristallfeldwechselwirkung
DEU for crystal field interactions

Kristallisation
DEU for crystallisation

Kristallisationswärme
DEU for heat of crystallisation

Kristallisierer
DEU for crystallisers

Kristallit
DEU for crystallites

Kristallmikrostruktur
DEU for crystal microstructure
crystal microstructure

Kristallmorphologie
DEU for crystal morphology

Kristallografie
DEU for crystallography

kristallografische Reibung
DEU for crystallographic shear

kristallografische Schere
DUS für crystallographic shear

Kristallographie
DUS für crystallography

kristallographische Reibung
DUS für crystallographic shear

kristallographische Schere
DUS für crystallographic shear

Kristallorientierung
DEU for crystal orientation

Kristalloszillator
DEU for crystal oscillators

Kristallreinigung
DEU for crystal purification

Kristallresonator
DEU for crystal resonators

Kristallstruktur
DEU for crystal structure

Kristallsymmetrie
DEU for crystal symmetry

Kristallunreinheit
DEU for crystal impurities

Kristallverunreinigung
DUS für crystal impurities

Kristallwachstum aus der Gelphase
DEU for crystal growth from gel

Kristallwachstum aus der Lösungsphase
DEU for crystal growth from solution

Kristallwachstum aus der Schmelzphase
DEU for crystal growth from melt

Kristallwachtum aus der Dampfphase
DEU for crystal growth from vapour

Kristallwachtum aus der Gasphase
DUS für crystal growth from vapour

Kristallzüchtung
DEU for crystal growth

Kristallzüchtung aus der Dampfphase
DUS für crystal growth from vapour

Kristallzüchtung aus der Gasphase
DUS für crystal growth from vapour

Kristallzüchtung aus der Gelphase
DUS für crystal growth from gel

Kristallzüchtung aus der Lösungsphase
DUS für crystal growth from solution

Kristallzüchtung aus der Schmelzphase
DUS für crystal growth from melt

kritische Fluktuation
DEU for critical fluctuations

kritische Infrastuktur
DEU for critical infrastructures

kritische Mischung
DEU for critical mixtures

kritische Stromdichte (Supraleitfähigkeit)
DEU for critical current density (superconductivity)

kritischer Druck
DUS für pressure

kritischer Exponent
DEU for critical exponents

kritischer Punkt
DEU for critical points

kritischer Strom
DEU for critical currents

kritisches Phänomen
DEU for critical phenomena

Kronig-Penney model
BT band theory
PT band theory models
DEU Kronig-Penney-Modell

Kronig-Penney-Modell
DEU for Kronig-Penney model

Krümelstruktur
DUS für granular structure

Krümmer
DEU for manifolds

kryogene Elektronik
DEU for cryogenic electronics

kryogenes Pumpen
DUS für cryopumping

kryogenisch gekühlte Elektronik
DUS für cryogenic electronics

kryogenische Elektronik
DUS für cryogenic electronics

Kryopumpen
DUS für cryopumping

Kryostat
DEU for cryostats

Kryotechnik
DUS für cryogenics

kryptografisches Protokoll
DEU for cryptographic protocols

Kryptographie
DEU for cryptography

kryptographisches Protokoll
DUS für cryptographic protocols

krypton
BT inert gases
non-metals
SY *Kr (chemisches Element)*
RT krypton compounds
DEU Krypton (Edelgas)

Krypton (Edelgas)
DEU for krypton

krypton compounds
BT inert gas compounds
RT krypton
DEU Kryptonverbindung

Kryptonverbindung
DEU for krypton compounds

Küchengerät
DEU for kitchen appliances

Kühlaggregat
DUS für refrigerators

Kühlcontainer
DEU for freight containers

Kühleinrichtung
DUS für refrigerators

Kühlen
DUS für cooling

Kühler
DUS für refrigerators

Kühlgerät
DUS für refrigerators

Kühllager
DEU for cold storage

Kühlmittel
DEU for coolants

Kühlmittel-Brennstoff-Wechselwirkung
DEU for coolant-fuel interactions

Kühlmitteldruck
DUS für pressure

Kühlturm
DEU for cooling towers

Kühlung
DUS für cooling

Kündigung (Arbeitsverhältnis)
DUS für termination of employment

künstliche Intelligenz
DEU for artificial intelligence

künstlicher Leitstern
DEU for artificial guide stars

künstliches Immunsystem
DEU for artificial immune systems

künstliches Leben
DEU for artificial life

künstliches Lymphgefäß
DEU for artificial limbs

künstliches Organ
DEU for artificial organs

kugelförmiger Sternhaufen
DUS für globular star clusters

Kugelgewinde
DEU for ball screws

Kugelgewindetrieb
DUS für ball screws

Kugeligglühen
DEU for spheroidizing

Kugellager
DEU for ball bearings

Kugelmatrixgehäuse
DUS für ball grid arrays

Kugelmatrixpackung
DUS für ball grid arrays

Kugelmühlenmahlung
DEU for ball milling

Kugelpresse
DUS für presses

Kugelsternhaufen
DUS für globular star clusters

Kuiper belt objects
BT planets
SY *Edgeworth-Kuiper belt objects*
RT comets
trans-Neptunian objects
DEU Kuiper-Gürtel-Objekt

Kuiper-Gürtel-Objekt
DEU for Kuiper belt objects

Kultur
DEU for cultural aspects

kultureller Aspekt
DUS für cultural aspects

Kundenbeziehungsmanagement
DEU for customer relationship management

Kundendienst
DEU for customer services

Kundenprofil
DEU for customer profiles

Kundenzufriedenheit
DEU for customer satisfaction

Kunst
DEU for art

Kunstdünger
DUS für fertilisers

Kunstharz
DUS für resins

Kunststoff
DEU for plastics

Kunststofferzeugnis
DEU for plastic products

Kunststoffindustrie
DEU for plastics industry

Kunststoffisolation
DEU for polymer insulators

Kunststoffisolator
DUS für polymer insulators

Kunststoffkarte
DUS für plastic cards

Kunststoffprodukt
DUS für plastic products

Kunststoffverpackung
DEU for plastic packaging

Kunststoffware
DUS für plastic products

Kupfer
DEU for copper

Kupferlegierung
DEU for copper alloys

Kupferverbindung
DEU for copper compounds

Kupferzinklegierung
DUS für brass

Kupferzinkmessinglegierung
DUS für brass

Kupplung
DUS für couplings

Kurbel
DEU for winches

Kurbelgehäuse
DEU for crankcases

Kurbelpresse
DUS für presses

Kurbelwellenrichtpresse
DUS für presses

Kurie plots
USE beta-decay theory

Kurvelet-Transformation
DEU for curvelet transforms

Kurvenanpassung
DEU for curve fitting

Kurvenmessung
DEU for curvature measurement

Kurzschlussläufermotor
DEU for squirrel cage motors

Kurzschlussstrom
DEU for short-circuit currents

Kurzzeitfotografie
DEU for streak photography

Kurzzeitphotographie
DUS für streak photography

Kybernetik
DEU for cybernetics

Kymographie
DEU for kymography

kymography
USE diagnostic radiography
DEU Kymographie

Kyoto protocol
USE air pollution control
\+ climate mitigation
\+ environmental legislation
\+ government policies

Kyropoulous method
USE crystal growth from melt

L-type variables
USE giant stars
\+ variable stars

La
USE lanthanum

lab-on-a-chip
SY *biochips*
DNA microarrays
microarrays (biological)
PT biological techniques
RT biochemistry
biological techniques
biomedical measurement
bioMEMS
biosensors
chemical analysis
chemical sensors
microfluidics
microsensors
DEU Labor-on-Chip

labelling (packaging)
BT identification technology
packaging
RT applicators
DEU Etikettieren (Verpackung)

labelling, radioactive
USE radioactive tracers

labels (business forms)
USE business forms

labor resources
USE labour resources

Labor-on-Chip
DEU for lab-on-a-chip

laboratories
BT facilities
RT accreditation
engineering facilities
laboratory techniques
test facilities
DEU Laboratorium

Laboratorium
DEU for laboratories

Laboratoriumstechnik
DEU for laboratory techniques

laboratory techniques
UF *apparatus / instrumentation* + *instruments* + *laboratory techniques*
PT laboratory apparatus and techniques
RT high-speed optical techniques
high-speed techniques
instrumentation
instruments
laboratories
measurement
optical workshop techniques
student experiments
test equipment
test facilities
testing
DEU Laboratoriumstechnik
DSY Labortechnik

Laboratory Virtual Instrumentation Engineering Workbench
USE virtual instrumentation

Labortechnik
DUS für laboratory techniques

labour productivity
USE productivity

labour resources
BT personnel
SY *labor resources*
labour supply
UF *manpower planning / human resource management* + *labour resources*
RT employment
human resource management
recruitment
DEU Arbeitsreserven
DSY Arbeitsresourcen

labour supply
USE labour resources

LabVIEW
USE virtual instrumentation

Lacertids
USE BL Lac-type objects

Lack
DUS für varnish

Lackfarbe
DEU for lacquers

lacquers
BT chemical products
coatings
materials
RT insulating coatings
paints
protective coatings
DEU Lackfarbe

LADAR
USE optical radar

ladder filters
BT filters
ladder networks
PT ladder networks
RT active filters
digital filters
switched capacitor filters
DEU Abzweigfilter
DSY Kettenfilter

ladder networks
BT cascade networks
NT ladder filters
PT lumped parameter networks
RT lattice networks
DEU Abzweigschaltung

ladders
BT mechanical products
RT construction equipment
lifts
DEU Leiter (Gerät)

Ladedruck
DUS für pressure

Laden (elektrisch)
DEU for load (electric)

Laden (Logistik)
DEU for loading

Ladung (elektrisch)
DUS für load (electric)

Ladungdkompensation
DEU for charge compensation

Ladungpumpenschaltung
DEU for charge pump circuits

Ladungsanforderungszustand
DEU for charge-ordered states

Ladungsausgleich
DUS für charge compensation

Ladungsaustausch
DEU for charge exchange

Ladungsdichtewelle
DEU for charge density waves

ladungsgekoppelte Schaltung
DEU for charge-coupled device circuits

ladungsgekoppelter Schaltkreis
DUS für charge-coupled device circuits

ladungsgekoppeltes Bauelement
DEU for charge-coupled devices

ladungsgekoppeltes Gerät
DUS für charge-coupled devices

Ladungsinjektion
DEU for charge injection

Ladungsmessung
DEU for charge measurement

Ladungspumpenschaltkreis
DUS für charge pump circuits

Ladungsspeicherdiode
DEU for charge storage diodes

Ladungsträgerbeweglichkeit
DEU for carrier mobility

Ladungsträgerdichte
DEU for carrier density

Ladungstransferzustand
DEU for charge transfer states

Längenmessung
DEU for length measurement

längsausgedehnter Gegenstand
DUS für extended objects

Läppen (maschinell)
DEU for lapping (machining)

Lärm (Arbeitsumgebung)
DEU for noise (working environment)

Lärm (Umwelt)
DEU for noise pollution

Lärmbekämpfung
DUS für noise abatement

Lärmemission
DUS für acoustic emission

Lärmexposition
DUS für noise pollution

Lärmmessung
DEU for noise measurement

Lärmminderung
DUS für noise abatement

Lärmschall
DUS für noise

Läuterung (Klärung)
DUS für purification

Lager (Maschinenelement)
DEU for machine bearings

Lager für radioaktiven Abfall
DEU for radioactive waste repositories

Lager für radioaktiven Müll
DUS für radioactive waste repositories

Lagerautomatisierung
DEU for storage automation

Lagerdatenverarbeitung
DEU for stock control data processing

Lagersteuerung
DEU for stock control

Lagerung (Vorratswirtschaft)
DUS für warehousing

Lagerung (Ware
DEU for storage

Lagerung radioaktiven Abfalls
DEU for radioactive waste storage

Lagesteuerung
DEU for position control

Lagrangian field theory
BT quantum field theory
PT quantum field theory
DEU Lagrangsche-Feldtheorie

Lagrangsche-Feldtheorie
DEU for Lagrangian field theory

Laguerre processes
USE stochastic processes

lake pollution
USE lakes
\+ water pollution

lakes
UF *lake pollution / lakes + water pollution*
UF *seiches / lakes + ocean waves*
UF *waterways (inland) / canals + lakes + rivers*
PT rivers and lakes
RT canals
dams
groundwater
hydrochemistry
hydrology
reservoirs
rivers
sediments
water
water pollution
water supply
wetlands
DEU See (Gewässer)

Lamb shift
BT spectral line shift
SY *Burnet dip*
PT atomic spectra
RT hyperfine structure
relativistic corrections
DEU Lamb-Verschiebung

Lamb waves
USE surface acoustic waves

Lamb-Verschiebung
DEU for Lamb shift

lambda And stars
USE binary stars
\+ giant stars
\+ variable stars

Lambda baryons
BT hyperons
PT hyperons
RT beauty particles
charm particles
hypernuclei
DEU Lambda-Baryon

lambda calculus
BT process algebra
PT formal logic
RT pi calculus
DEU Lambda-Kalkül

lambda doubling
USE rotational states

lambda point
USE superfluid helium-4

lambda sensors
USE gas sensors

Lambda-Baryon
DEU for Lambda baryons

Lambda-Kalkül
DEU for lambda calculus

Lamellenblech
DUS für laminations

laminar boundary layers
USE boundary layers
\+ laminar flow
DEU laminare Grenzschicht

laminar flow
BT flow
NT creeping flow
UF *laminar boundary layers / boundary layers + laminar flow*
PT flow
RT Couette flow
laminar to turbulent transitions
Poiseuille flow
DEU laminare Strömung

laminar to turbulent transitions
PT laminar flow
turbulence
RT laminar flow
turbulence
DEU Laminar-zu-Turbulenz-Übergang

Laminar-zu-Turbulenz-Übergang
DEU for laminar to turbulent transitions

laminare Grenzschicht
DEU for laminar boundary layers

laminare Strömung
DEU for laminar flow

Laminat
DEU for laminates

Laminatbeschichten
DEU for laminated object manufacturing

laminated object manufacturing
BT rapid prototyping (industrial)
PT rapid prototyping (industrial)
RT laser sintering
stereolithography
DEU Laminatbeschichten

laminates
BT composite materials
PT composite materials
RT claddings
delamination
honeycomb structures
sandwich structures
thin wall structures
woven composites
DEU Laminat

laminations
RT eddy current losses
magnetic cores
DEU Blechpaket
DSY Lamellenblech

lamp accessories
SY *ballasts, electronic*
PT lamps
RT lamps
DEU Lampenzubehör

Lampe
DEU for lamps

Lampenzubehör
DEU for lamp accessories

lamps
NT discharge lamps
filament lamps
LED lamps
RT brightness
lamp accessories
light

light sources
lighting
lighting control
optics
power utilisation
ultraviolet sources
DEU Lampe

LAN
USE local area networks

LAN interconnection
BT internetworking
PT computer networks
local area networks
RT interconnections
local area networks
metropolitan area networks
protocols
wide area networks
wireless LAN
DEU LANverbindung
DSY Lokales-Netzverbindung
Verbund lokaler Netze

land cover
RT geographic information systems
geophysical image processing
image classification
land use
land use planning
remote sensing
remote sensing by radar
soil
terrain mapping
vegetation
vegetation mapping
wetlands
DEU Festlandschutz
DSY Schutz des Festlands

land mine detection
USE landmine detection

land mobile radio
BT mobile radio
NT cellular radio
PT cellular radio
mobile radio systems
RT mobile satellite communication
personal communication networks
UHF antennas
DEU beweglicher Landfunkdienst

land pollution
BT pollution
NT soil pollution
RT industrial pollution
DEU Landverschmutzung
DSY Landverunreinigung

land surface temperature
BT temperature
SY *ground temperature*
land temperature
RT atmospheric boundary layer
atmospheric temperature
geomorphology
global warming
ocean temperature
remote sensing
terrestrial heat
DEU Festlandoberflächentemperatur

land temperature
USE land surface temperature

land use
RT agriculture
biofuel
crops
forestry
geographic information systems
irrigation
land cover
land use planning
remote sensing
terrain mapping
town and country planning
vegetation mapping
DEU Bodennutzung
DSY Landnutzung

land use planning
BT environmental management
town and country planning
PT town and country planning
RT facility location
floods
land cover
land use
regional planning
DEU Landnutzungsplanung

Landau levels
BT energy states
PT electron energy states
RT composite fermions
diamagnetism
electron gas
magnetisation
DEU Landau-Niveau

Landau-Niveau
DEU for Landau levels

Landau-Zener-Stueckelberg parameter
USE potential energy surfaces
DEU Landau-Zener-Stückelberg-Parameter

Landau-Zener-Stückelberg-Parameter
DEU for Landau-Zener-Stueckelberg parameter

Landbau
DEU for farming

Landbewirtschaftung
DUS für farming

Lande splitting factor
USE g-factor

landfill
USE refuse disposal

landing (spacecraft)
USE entry, descent and landing (spacecraft)

Landmaschine
DUS für agricultural machinery

landmine detection
BT buried object detection
SY *land mine detection*
PT buried object detection
RT explosive detection
ground penetrating radar
metal detectors
microwave imaging
military equipment
military radar
millimetre wave imaging
radar imaging
remote sensing
weapons
DEU Landminendetektion

Landminendetektion
DEU for landmine detection

Landnutzung
DUS für land use

Landnutzungsplanung
DEU for land use planning

landslides
USE geomorphology

landslides (underwater)
USE seafloor phenomena

Landtechnik
DEU for agricultural engineering

Landungsfahrzeug
DEU for planetary rovers

Landverschmutzung
DEU for land pollution

Landverunreinigung
DUS für land pollution

Landwirtschaft
DEU for agriculture

landwirtschaftliche Sicherheit
DEU for agricultural safety

landwirtschaftliche Verschmutzung
DEU for agricultural pollution

landwirtschaftliche Verunreinigung
DUS für agricultural pollution

landwirtschaftliches Erzeugnis
DUS für agricultural products

landwirtschaftliches Produkt
DUS für agricultural products

Landwirtschaftschemikalie
DUS für agrochemicals

Landwirtschaftssicherheit
DUS für agricultural safety

langfristige Entwicklung
DEU for Long Term Evolution

langgestreckter Körper
DUS für extended objects

langgestrecktes Objekt
DUS für extended objects

Langmiur-Sonde
DEU for Langmuir probes

Langmuir films
USE Langmuir-Blodgett films

Langmuir probes
BT plasma probes
PT plasma diagnostics
RT aerospace instrumentation
discharges (electric)
plasma diagnostics
DEU Langmiur-Sonde

Langmuir waves
USE plasma Langmuir waves

Langmuir-Blodgett films
BT films
SY *Langmuir films*
LB films
PT Langmuir films
RT adsorbed layers
biomimetics
molecular electronics
monolayers
self-assembly
DEU Langmuir-Blodgett-Film
DSY Langmuir-Blodgett-Schicht

Langmuir-Blodgett-Film
DEU for Langmuir-Blodgett films

Langmuir-Blodgett-Schicht
DUS für Langmuir-Blodgett films

langsame Wellenform
DEU for slow wave structures

langsames Licht
DEU for slow light

Langsamlicht (Slow Light)
DUS für slow light

language translation
BT humanities
SY *machine translation*
translation (language)
PT language translation and linguistics
RT computational linguistics
information science
linguistics
sign language recognition
DEU Sprachübersetzung

language translation and linguistics
DEU Sprachübersetzung und Linguistik
DSY Sprachübersetzung und Sprachwissenschaften

language, linguistics
USE linguistics

languages
NT formal languages
natural languages
programming languages
specification languages
DEU Sprache

languages, formal
USE formal languages

languages, programming
USE programming languages

Langzeitentwicklung
DUS für Long Term Evolution

Lantanum
USE lanthanum

Lanthan
DEU for lanthanum

lanthanides
USE rare earth metals

Lanthanium
USE lanthanum

Lanthanlegierung
DEU for lanthanum alloys

lanthanoides
NT europium
gadolinium
DEU Seltenerdmetall

lanthanum
BT rare earth metals
SY *La*
Lantanum
Lanthanium
RT lanthanum alloys
lanthanum compounds
DEU Lanthan

lanthanum alloys
BT rare earth alloys
PT lanthanum compounds
RT lanthanum
lanthanum compounds
DEU Lanthanlegierung

lanthanum compounds
BT rare earth compounds
RT lanthanum
lanthanum alloys
DEU Lanthanverbindung

Lanthanverbindung
DEU for lanthanum compounds

LANverbindung
DEU for LAN interconnection

Laplace equations
BT partial differential equations
PT partial differential equations
RT boundary-value problems
elasticity
electrostatics
finite element analysis
Laplace transforms
DEU Laplace-Gleichung

Laplace transforms
BT transforms
RT circuit theory
inverse transforms
Laplace equations
network analysis
DEU Laplace-Transformation

Laplace-Gleichung
DEU for Laplace equations

Laplace-Transformation
DEU for Laplace transforms

lapping (machining)
BT machining
polishing
PT machining
polishing
RT surface finishing
DEU Läppen (maschinell)

laptop computers
BT portable computers
PT portable computers
RT Bring Your Own Device
notebook computers
DEU Klapprechner
DSY Laptopcomputer
Laptoprechner

Laptopcomputer
DUS für laptop computers

Laptoprechner
DUS für laptop computers

large amplitude red variables
USE giant stars
\+ variable stars

Large Magellanic Cloud
BT Magellanic Clouds
SY *LMC*
UF *OBA(PC) stars / Large Magellanic Cloud + supergiant stars*
PT galaxies
RT Small Magellanic Cloud
DEU Große Magallansche Wolke

large scale integration
NT ULSI
SY *LSI*
RT digital signal processing chips
integrated injection logic
microcomputers
microprocessor chips
monolithic integrated circuits
VLSI
DEU Large-Scale-Integration

large scale structure (cosmological)
USE clusters of galaxies
\+ cosmology

large screen displays
BT display instrumentation
PT display instrumentation
screens (display)
RT computer graphic equipment
display devices
flat panel displays
screens (display)
television displays
DEU Großbildschirm

large-scale systems
NT interconnected systems
SY *complex systems*
composite systems
RT control systems
flexible structures
networked control systems
system theory
DEU Großraumsystem (Netz)
DSY Large-Scale-System

Large-Scale-Integration
DEU for large scale integration

Large-Scale-System
DUS für large-scale systems

Laser
DEU for lasers

laser ablation
BT laser beam effects
laser materials processing
NT pulsed laser deposition
PT laser beam applications
RT etching
laser beam etching
plasma production by laser
DEU Fotoablation
DSY Laserablation
Laserabschmelzen
Laserabtragen
Photoablation

laser ablation deposition
USE pulsed laser deposition

laser accessories
NT laser mirrors
UF *laser windows / laser accessories + optical windows*
RT infrared detectors
lasers
lenses
mirrors
optical modulation
optical waveguides
wigglers
DEU Laserzubehör

laser annealing
USE laser beam annealing

laser applications
USE laser beam applications

laser applications in medicine
BT laser beam applications
medicine
SY *biomedical laser applications*
laser beam applications in medicine
UF *laser phototherapy / laser applications in medicine + radiation therapy*
UF *laser surgery / laser applications in medicine + surgery*
SY *medical laser applications*
PT laser beam applications
radiation therapy
surgery
RT biological effects of laser radiation
biomedical equipment
biomedical measurement
biomedical optical imaging
blood flow measurement
endoscopes
photodynamic therapy
radiation therapy
surgery
DEU Laseranwendung in der Medizin
DSY medizinische Laseranwendung

laser arrays
BT lasers
optical arrays
NT semiconductor laser arrays
DEU Gruppenlaser
DSY Laserfeld
Lasergruppe

laser arrays, semiconductor
USE semiconductor laser arrays

laser beam annealing
BT annealing
laser materials processing
SY *laser annealing*
PT annealing
laser beam applications
laser beam effects
RT laser beam effects
semiconductor technology
DEU Laserstrahlglühen

laser beam applications in medicine
USE laser applications in medicine

laser beam applications
NT laser applications in medicine
laser beam cutting
laser beam machining
laser beam welding
laser isotope separation
laser materials processing
laser power transmission
measurement by laser beam
plasma heating by laser
plasma production by laser
remote sensing by laser beam
SY *laser applications*
UF *laser guide stars / artificial guide stars + laser beam applications*
RT artificial guide stars
holography
integrated optics
laser beam effects
laser beams
laser hardening
laser printers

materials testing
matrix isolation spectroscopy
modulation spectroscopy
multiphoton spectroscopy
navigation
OBIC (optical beam induced currents)
optical communication
optical links
optical radar
Raman spectroscopy
space communication links
spectroscopy
thermomagnetic recording
time resolved spectroscopy
two-photon spectroscopy
DEU Laserstrahlanwendung

laser beam cutting
BT cutting
laser beam applications
SY *laser cutting*
PT cutting
laser beam applications
laser beam machining
RT laser beam machining
DEU Laserstrahlschneiden

laser beam effects
BT radiation effects
NT biological effects of laser radiation
laser ablation
laser cooling
laser hardening
plasma heating by laser
plasma production by laser
SY *laser damage*
laser effects
laser induced breakdown
laser induced damage
RT laser beam annealing
laser beam applications
laser beam etching
laser beams
OBIC (optical beam induced currents)
photon stimulated desorption
ultraviolet radiation effects
DEU Laserstrahlenwirkung

laser beam etching
BT etching
laser materials processing
PT etching
laser beam applications
RT laser ablation
laser beam effects
laser beam machining
DEU Laserstrahlätzen

laser beam hardening
USE laser hardening

laser beam induced currents
USE OBIC (optical beam induced currents)

laser beam machining
BT laser beam applications
machining
SY *laser drilling*
laser machining
laser trimming
PT laser beam applications
machining
RT laser beam cutting
laser beam etching
laser materials processing
microfabrication
micromachining
DEU Laserstrahlbearbeitungsmaschine

laser beam modulation
USE optical modulation

laser beam properties
USE laser beams

laser beam variables measurement
USE laser beams
\+ laser variables measurement

laser beam welding
BT laser beam applications
welding
SY *laser welding*
PT laser beam applications
welding
RT laser materials processing
DEU Laserstrahlschweißen

laser beams
SY *laser beam properties*
UF *laser beam variables measurement / laser beams + laser variables measurement*
UF *laser pulse variables measurement / laser beams + laser variables measurement + pulse measurement*
RT beam steering
holography
laser beam applications
laser beam effects
laser frequency stability
laser variables measurement
lasers

light coherence
optical distortion
optical pulse generation
optical pulse shaping
optical vortices
optics
quantum optics
Schwarz-Hora effect
slow light
supercontinuum generation
thermal blooming
thermal lensing
DEU Laserstrahl

laser cavity resonators
BT cavity resonators
lasers
optical resonators
NT microcavity lasers
RT Fabry-Perot resonators
laser mirrors
microdisc lasers
ring lasers
surface emitting lasers
DEU Laserresonator

laser chirp
USE chirp modulation

laser communication
USE optical fibre communication
\+ optical links
\+ optical transmitters

laser cooling
BT cooling
laser beam effects
SY *optical cooling*
UF *optical molasses / laser cooling + radiation pressure*
PT cooling
laser beam effects
radiation pressure
RT atom lasers
atom optics
Bose-Einstein condensation
optical lattices
particle traps
quantum optics
radiation pressure
trapped ions
DEU Laserkühlung

laser cutting
USE laser beam cutting

laser CVD
USE chemical vapour deposition
\+ laser deposition

laser damage
USE laser beam effects

laser deposition
BT laser materials processing
vapour deposition
NT pulsed laser deposition
UF *laser CVD / chemical vapour deposition + laser deposition*
UF *laser-induced CVD / chemical vapour deposition + laser deposition*
PT laser beam applications
vapour deposition
DEU Laserabscheiden
DSY Laserabscheidung

laser diode arrays
USE semiconductor laser arrays

laser diodes
USE semiconductor lasers

laser Doppler anemometry
BT anemometry
Doppler measurement
measurement by laser beam
SY *LDA*
PT anemometry
Doppler measurement
laser velocimetry
RT atmospheric techniques
flow measurement
laser velocimetry
DEU Doppler-Laseranemometrie

laser Doppler velocimeters
USE Doppler measurement
\+ laser velocimeters

laser Doppler velocimetry
USE Doppler measurement
\+ laser velocimetry

laser drilling
USE laser beam machining

laser drivers
USE driver circuits

laser effects
USE laser beam effects

laser feedback
BT optical feedback
PT feedback
RT distributed feedback lasers
lasers
DEU Laserfeedback
DSY Laserrückkopplung

laser frequency measurement
USE laser variables measurement

laser frequency stability
BT frequency stability
laser stability
PT frequency stability
lasers
RT laser beams
lasers
measurement standards
DEU Laserfrequenzstabilität

laser fusion
BT fusion reactor ignition
plasma inertial confinement
plasma production by laser
PT fusion reactor ignition
plasma inertial confinement
plasma production by laser
DEU Laserfusion

laser guide stars
USE artificial guide stars
\+ laser beam applications

laser hardening
BT laser beam effects
laser materials processing
surface hardening
SY *laser beam hardening*
PT laser beam effects
surface hardening
RT laser beam applications
surface alloying
DEU Laserhärten
DSY Laserstrahlhärten

laser induced breakdown
USE laser beam effects

laser induced damage
USE laser beam effects

laser interferometers
USE light interferometers

laser interferometry
USE light interferometry

laser isotope separation
BT isotope separation
laser beam applications
PT isotope separation
laser beam applications
DEU Laserisotopentrennung

laser machining
USE laser beam machining

laser magnetic resonance
BT magnetic resonance
PT magnetic resonance
DEU Lasermagnetresonanz

laser materials processing
BT laser beam applications
materials preparation
materials science
NT laser ablation
laser beam annealing
laser beam etching
laser deposition
laser hardening
laser sintering
RT laser beam machining
laser beam welding
microfabrication
surface treatment
DEU Laserstrahlbearbeitung

laser mirrors
BT laser accessories
mirrors
PT laser accessories
mirrors
RT distributed Bragg reflector lasers
laser cavity resonators
DEU Laserspiegel

laser mode locking
SY *laser phase locking*
PT laser modes
RT laser modes
lasers
optical modulation
optical pulse compression
optical pulse generation
self-phase modulation
timing jitter
DEU Modenkopplung

laser modes
SY *modes, laser*
RT coupled mode analysis
laser mode locking
lasers
whispering gallery modes
DEU Lasermode

laser noise
BT optical noise
SY *semiconductor laser noise*
PT noise
random noise
semiconductor device noise
RT lasers
semiconductor device noise
DEU Laserrauschen

laser phase locking
USE laser mode locking

laser phototherapy
USE laser applications in medicine
\+ radiation therapy

laser power measurement
USE laser variables measurement

laser power transmission
BT laser beam applications
power transmission
SY *power transmission by laser beam*
PT laser beam applications
power transmission
RT solar power satellites
space power generation
DEU Laserenergieübertragung

laser printers
BT printers
PT printers
RT laser beam applications
DEU Laserdrucker

laser pulse shaping
USE optical pulse shaping

laser pulse variables measurement
USE laser beams
\+ laser variables measurement
\+ pulse measurement

laser Q-switching
USE Q-switching

laser radar
USE optical radar

laser rangefinding
USE laser ranging

laser ranging
BT distance measurement
measurement by laser beam
SY *laser rangefinding*
UF *lunar laser ranging / astronomical techniques + laser ranging + Moon*
SY *ranging, laser*
PT distance measurement
measurement by laser beam
optical radar
RT computer vision
image processing
mobile robots
optical radar
optical scanners
DEU Lasermessung

laser reliability
BT reliability
PT reliability
RT lasers
DEU Laserzuverlässigkeit

laser scanners
USE optical scanners

laser sintering
BT laser materials processing
sintering
SY *selective laser sintering*
PT laser materials processing
sintering
RT laminated object manufacturing
rapid prototyping (industrial)
stereolithography
DEU Lasersintern
DSY Laserstrahlsintern

Laser Speckle Shearing Interferometrie
USE shearography

laser stability
BT stability
NT laser frequency stability
RT lasers
DEU Laserstabilität

laser surgery
USE laser applications in medicine
\+ surgery

laser theory
RT atom lasers
electromagnetic wave absorption
laser transitions
lasers
light coherence
optical chaos
population inversion
quantum optics
stimulated emission
DEU Lasertheorie

laser tracking
USE optical tracking

laser transitions
PT lasers
RT laser theory
lasers
DEU Laserübergang

laser trimming
USE laser beam machining

laser tuning
BT optical tuning
PT lasers
tuning
RT lasers
DEU abstimmbarer Laser
DSY Laserabstimmung

laser variables measurement
BT measurement
UF *laser beam variables measurement / laser beams + laser variables measurement*
SY *laser frequency measurement*
laser power measurement
UF *laser pulse variables measurement / laser beams + laser variables measurement + pulse measurement*
SY *laser wavelength measurement*
PT laser beams
optical variables measurement
RT frequency measurement
laser beams
optical variables measurement
power measurement
pulse measurement
DEU Lasergrößenmessung

laser velocimeters
BT velocimeters
UF *laser Doppler velocimeters / Doppler measurement + laser velocimeters*
RT anemometers
flow measurement
laser velocimetry
measurement by laser beam
DEU Laser-Geschwindigkeitsmesser

laser velocimetry
BT measurement by laser beam
UF *laser Doppler velocimetry / Doppler measurement + laser velocimetry*
PT laser velocimeters
measurement by laser beam
RT anemometry
Doppler measurement
flow measurement
laser Doppler anemometry
laser velocimeters
velocity measurement
DEU Laser-Geschwindigkeitsmessung

laser wavelength measurement
USE laser variables measurement

laser welding
USE laser beam welding

laser windows
USE laser accessories
\+ optical windows

Laser-Geschwindigkeitsmesser
DEU for laser velocimeters

Laser-Geschwindigkeitsmessung
DEU for laser velocimetry

laser-induced CVD
USE chemical vapour deposition
\+ laser deposition

Laserablation
DUS für laser ablation

Laserabscheiden
DEU for laser deposition

Laserabscheidung
DUS für laser deposition

Laserabschmelzen
DUS für laser ablation

Laserabstimmung
DUS für laser tuning

Laserabtragen
DUS für laser ablation

Laseranwendung in der Medizin
DEU for laser applications in medicine

Laserdiodenanordnung
DEU for semiconductor laser arrays

Laserdrucker
DEU for laser printers

Laserenergieübertragung
DEU for laser power transmission

Laserfeedback
DEU for laser feedback

Laserfeld
DUS für laser arrays

Laserfernerkundung
DUS für remote sensing by laser beam

Laserfrequenzstabilität
DEU for laser frequency stability

Laserfusion
DEU for laser fusion

lasergestützte Fernerkundung
DUS für remote sensing by laser beam

lasergestützte Kommunikation
DEU for optical links

Lasergrößenmessung
DEU for laser variables measurement

Lasergruppe
DUS für laser arrays

Laserhärten
DEU for laser hardening

laserinduzierter Strom (LBIC)
DUS für OBIC (optical beam induced currents)

Laserisotopentrennung
DEU for laser isotope separation

Laserkommunikation
DUS für optical links

Laserkühlung
DEU for laser cooling

Lasermagnetresonanz
DEU for laser magnetic resonance

Lasermessung
DEU for laser ranging

Lasermessverfahren
DEU for measurement by laser beam

Lasermode
DEU for laser modes

Laserradar
DEU for optical radar

Laserrauschen
DEU for laser noise

Laserresonator
DEU for laser cavity resonators

Laserrückkopplung
DUS für laser feedback

lasers
NT atom lasers
chemical lasers
distributed Bragg reflector lasers
distributed feedback lasers
dye lasers
excimer lasers
free electron lasers
gas lasers
laser arrays
laser cavity resonators
liquid lasers
microdisc lasers
millimetre wave lasers
nuclear pumped lasers
Raman lasers
ring lasers
solid lasers
submillimetre wave lasers
surface emitting lasers
waveguide lasers
X-ray lasers
SY *irasers*
optical quantum generators
quantum generators (optical)
RT acousto-optical effects
amplification
amplifiers
electromagnetic oscillations
electron beam pumping
high-speed optical techniques

holography
infrared detectors
infrared sources
laser accessories
laser beams
laser feedback
laser frequency stability
laser mode locking
laser modes
laser noise
laser reliability
laser stability
laser theory
laser transitions
laser tuning
light coherence
light sources
masers
optical harmonic generation
optical modulation
optical parametric oscillators
optical pumping
optical saturation
optics
population inversion
Q-switching
quantum optics
ruby
stimulated emission
ultraviolet sources
DEU Laser

Lasersintern
DEU for laser sintering

Laserspiegel
DEU for laser mirrors

Laserspiegel-Aberration
DUS für aberrations

Laserstabilität
DEU for laser stability

Laserstrahl
DEU for laser beams

Laserstrahl-induzierter Strom
DEU for OBIC (optical beam induced currents)

Laserstrahl-induzierter Strom (LBIC)
DUS für OBIC (optical beam induced currents)

Laserstrahlätzen
DEU for laser beam etching

Laserstrahlanwendung
DEU for laser beam applications

Laserstrahlbearbeitung
DEU for laser materials processing

Laserstrahlbearbeitungsmaschine
DEU for laser beam machining

Laserstrahlenwirkung
DEU for laser beam effects

Laserstrahlglühen
DEU for laser beam annealing

Laserstrahlhärten
DUS für laser hardening

Laserstrahlschneiden
DEU for laser beam cutting

Laserstrahlschweißen
DEU for laser beam welding

Laserstrahlsintern
DUS für laser sintering

Laserstrahlstrominduktion
DUS für OBIC (optical beam induced currents)

Laserstrahlstrominduzierung
DUS für OBIC (optical beam induced currents)

Laserstrominduktion
DUS für OBIC (optical beam induced currents)

Laserstrominduzierung
DUS für OBIC (optical beam induced currents)

Lasertheorie
DEU for laser theory

Laserübergang
DEU for laser transitions

laserunterstützte Kommunikation
DUS für optical links

Laserverbindung
DUS für optical links

Laserzubehör
DEU for laser accessories

Laserzuverlässigkeit
DEU for laser reliability

Lastabwurf
DEU for load shedding

Lastenaufzug
DUS für hoists

Lastfluss
DEU for load flow

Lastflusssteuerung
DEU for load flow control

Lastmanagement
DEU for load management

Lastplanung
DEU for load dispatching

Lastregelung
DEU for load regulation

Laststeuerung
DUS für load regulation

Lastüberwachung
DUS für load regulation

Lastverteilung
DEU for load distribution

Lastvorhersage
DEU for load forecasting

latches
USE flip-flops

latent contact binaries
USE eclipsing binary stars

latent heat
BT thermodynamic properties
RT heat
heat of transformation
phase change materials
phase transformations
thermochemistry
DEU latente Wärme

latent heat of adsorption
USE heat of adsorption

latent heat of combustion
USE heat of combustion

latent heat of crystallisation
USE heat of crystallisation

latent heat of crystallization
USE heat of crystallisation

latent heat of dissociation
USE heat of dissociation

latent heat of formation
USE heat of formation

latent heat of fusion
USE heat of fusion

latent heat of mixing
USE heat of mixing

latent heat of reaction
USE heat of reaction

latent heat of solution
USE heat of solution

latent heat of sublimation
USE heat of sublimation

latent heat of transformation
USE heat of transformation

latent heat of vaporisation
USE heat of vaporisation

latent heat of vaporization
USE heat of vaporisation

latent image
USE photographic process

latente Wärme
DEU for latent heat

lathes
BT machine tools
PT machine tools
RT turning (machining)
woodworking
woodworking machines
DEU Drehmaschine

latitude
USE Earth rotation

lattice Boltzmann methods
BT computational fluid dynamics
PT Boltzmann equation
flow simulation
lattice theory
RT Boltzmann equation
flow simulation
lattice theory
DEU Boltzmann-Gitter-Methode

lattice constants
BT constants
crystallography
SY *lattice parameters*
PT crystal atomic structure
RT crystal structure
DEU Gitterkonstante

lattice defects
USE crystal defects

lattice dynamics
NT anharmonic lattice modes
localised modes
phonons
SY *acoustic mode of crystals*
external modes (crystals)
UF *force constants / lattice dynamics + molecular force constants*
SY *lattice mechanics*
lattice vibrations
optical mode of crystals
vibrations, crystal lattice
RT crystal structure
surface dynamics
vibrational modes
DEU Gitterdynamik

lattice dynamics of covalent crystals
DEU Gitterdynamik von kovalentem Kristall

lattice dynamics of ferroelectric crystals
DEU Gitterdynamik von ferroelektrischem Kristall

lattice dynamics of ionic crystals
DEU Gitterdynamik von ionischem Kristall

lattice dynamics of metallic crystals
DEU Gitterdynamik von metallischem Kristall

lattice dynamics of molecular crystals
DEU Gitterdynamik von molekularem Kristall

lattice energy
SY *energy, lattice*
Madelung constant
RT binding energy
bonds (chemical)
crystal binding
total energy
DEU Gitterenergie

lattice field theory
BT axiomatic field theory
UF *lattice gauge theory / gauge field theory + lattice field theory*
PT axiomatic field theory
RT gauge field theory
DEU Gitterfeldtheorie

lattice filters
BT filters
lattice networks
RT adaptive filters
digital filters
filtering theory
signal processing
DEU Gitterfilter

lattice gas
BT lattice theory
PT lattice theory and statistics
RT aggregation
percolation
statistical mechanics
DEU Gittergas

lattice gauge theory
USE gauge field theory
\+ lattice field theory

lattice localised modes
USE localised modes

lattice mechanics
USE lattice dynamics

lattice networks
BT networks (circuits)
NT lattice filters
RT equivalent circuits
ladder networks
passive networks
DEU Gitternetzwerk

lattice parameters
USE lattice constants

lattice phonons
USE phonons

lattice structure, crystals
USE crystal structure

lattice theory
BT statistics
NT Ising model
lattice gas
Potts model
sandpile models
Toda lattice
X-Y model
PT lattice theory and statistics
RT aggregation
cellular automata
complex networks
conformal symmetry
formal concept analysis
lattice Boltzmann methods
nonlinear dynamical systems
percolation
phasons
renormalisation
self-organised criticality
statistical mechanics
DEU Gittertheorie

lattice vibrations
USE lattice dynamics
DEU Gitterschwingung

Laue effect
USE X-ray crystallography
\+ X-ray diffraction

Lauflängencode
DEU for runlength codes

Laufwerk (Computer)
DEU for disc storage

Laufwerk (Datenspeicher)
DUS für disc drives

Laufzeitbauelement
DUS für transit time devices

Laufzeitgerät
DUS für transit time devices

Laufzeitkosten
DEU for life cycle costing

Laugung
DUS für leaching

launchers, electromagnetic
USE electromagnetic launchers

launchers, electrothermal
USE electrothermal launchers

laundering
BT cleaning
SY *dry cleaning*
laundries
RT coin operated equipment
detergents
soaps
textile industry
washing machines
DEU Maschinenwäsche (Waschen)

laundries
USE laundering

Lautsprecher
DEU for loudspeakers

Lautsprechersystem
DUS für loudspeakers

Lautstärke
DEU for loudness

Lautstärkemessung
DEU for acoustic noise measurement

law
NT commercial law
consumer protection
contract law
criminal law
digital rights management
employment law
industrial property
law administration
legislation
UF *forensic engineering / accidents + failure analysis + forensic science + law*
SY *legal aspects*
PT legislation
RT bankruptcy
data protection
fraud
DEU Recht

law administration
BT administrative data processing
government
law
SY *law DP*
legal data processing
PT government data processing
RT government data processing
legislation
police data processing
police
public administration
DEU Rechtsverwaltung

law DP
USE law administration

Lawinendiode
DUS für avalanche diodes

Lawinendurchbruch (Festkörper)
DEU for avalanche breakdown

Lawinenphotodiode
DEU for avalanche photodiodes

lawnmowers
BT machinery
RT agricultural machinery
garden tools
DEU Rasenmähmaschine

lawrencium
BT actinides
transuranes
SY *Lr (chemical element)*
Lw (chemical element)
RT lawrencium compounds
DEU Lawrencium

lawrencium compounds
BT actinide compounds
RT lawrencium
DEU Lawrenciumverbindung

Lawrenciumverbindung
DEU for lawrencium compounds

Lawrencium
DEU for lawrencium

layered manufacturing
BT manufacturing processes
PT rapid prototyping (industrial)
RT computational geometry
rapid prototyping (industrial)
stereolithography
DEU Schichtherstellung

layered media
USE inhomogeneous media

laying, cable
USE cable laying

Layout gedruckter Schaltungen
DUS für printed circuit layout

Layout integrierter Schaltkreise
DUS für integrated circuit layout

Layout integrierter Schaltungen
DUS für integrated circuit layout

LB films
USE Langmuir-Blodgett films

Lb variables
USE giant stars
\+ variable stars

LBIC (laser beam induced currents)
USE OBIC (optical beam induced currents)

LBIC (Laserstrahl-induzierter Strom)
DUS für OBIC (optical beam induced currents)

LC circuits
BT networks (circuits)
SY *tank circuits*
RT filters
mixers (circuits)
oscillators
resonators
tuning
DEU LC-Schaltkreis
DSY LC-Schaltung

Lc variables
USE supergiant stars
\+ variable stars

LC-Schaltkreis
DEU for LC circuits

LC-Schaltung
DUS für LC circuits

LCAO calculations
BT orbital calculations
SY *GOT calculations*
LCAO method
linear combination of atomic orbitals calculations
RT binding energy

DEU LCAO-Berechnung
DSY LCAO-Kalkulation

LCAO method
USE LCAO calculations

LCAO-Berechnung
DEU for LCAO calculations

LCAO-Kalkulation
DUS für LCAO calculations

LCD
USE liquid crystal displays

LCD drivers
USE driver circuits

LCGO calculations
USE GO calculations

LCOS
USE liquid crystal on silicon

LCS printers
BT printers
SY *liquid crystal shutter printers*
PT printers
DEU LCS-Drucker

LCS-Drucker
DEU for LCS printers

LDA
USE laser Doppler anemometry

LDPC codes
USE parity check codes

LDPE insulation
USE polyethylene insulation

leaching
PT corrosion
dissolving
environmental degradation
RT dissolving
electrowinning
environmental degradation
mineral processing
mineral processing industry
minerals
rocks
soil
DEU Auslaugen
DSY Auslaugung
Laugung

lead
BT metals
SY *Pb (chemical element)*
PT Plumbum
RT lead acid batteries
lead alloys
lead compounds
DEU Blei

lead acid batteries
BT secondary cells
SY *Pb-acid batteries*
valve regulated lead acid batteries
VRLA
PT secondary cells
RT battery chargers
battery storage plants
battery testers
lead
DEU Blei-Säure-Akkumulator
DSY Bleiakkumulator

lead alloys
BT alloys
PT lead compounds
RT lead
lead compounds
DEU Bleilegierung

lead bonding
BT bonding processes
microassembling
NT tape automated bonding
UF *thermocompression bonding / lead bonding + tape automated bonding*
UF *thermosonic bonding / lead bonding + tape automated bonding*
SY *wire bonding*
PT semiconductor device manufacture
RT electronics packaging
integrated circuit bonding
integrated circuit technology
semiconductor technology
DEU Bleilöten

lead compounds
BT inorganic compounds
RT lead
lead alloys
DEU Bleiverbindung

lead time reduction
BT production management
RT project management
time to market
DEU Einführzeitverkürzung

lead typesetting
BT typesetting
DEU Bleisatz
DSY Handsatz

leadership
USE human resource management

leak detection
RT high-pressure techniques
seals (stoppers)
vacuum techniques
DEU Lecksuche

leakage currents
BT fault currents
RT discharges (electric)
negative bias temperature instability
semiconductor device breakdown
DEU Leckstrom

leakage, electrical
USE electrical faults

leakage, magnetic
USE magnetic leakage

leaky wave antennas
BT antennas
RT antenna travelling wave arrays
electromagnetic metamaterials
metamaterial antennas
microwave metamaterials
terahertz metamaterials
waveguide antennas
DEU Leckwellenantenne

lean production
BT manufacturing systems
PT production control
RT production management
DEU schlanke Fertigung

learning (artificial intelligence)
BT artificial intelligence
NT backpropagation
Hebbian learning
learning by example
unsupervised learning
SY *AdaBoost*
Adaptive Boosting
incremental learning
machine learning
neural net training
reinforcement learning
UF *rule generation / knowledge acquisition + learning (artificial intelligence)*
SY *supervised learning*
training (neural nets)
PT artificial intelligence
learning systems
RT adaptive resonance theory
Boltzmann machines
decision trees
feature selection
feedforward neural nets
granular computing
Hopfield neural nets
independent component analysis
learning automata
learning systems
multilayer perceptrons
neurocontrollers
perceptrons
radial basis function networks
recurrent neural nets
self-organising feature maps
support vector machines
DEU Lernen (künstliche Intelligenz)

learning automata
BT finite automata
NT support vector machines
PT finite automata
RT evolutionary computation
learning (artificial intelligence)
DEU lernender Automat

learning by example
BT learning (artificial intelligence)
SY *example-based learning*
inductive learning
PT artificial intelligence
learning systems
RT case-based reasoning
inductive logic programming
DEU Lernen durch Beispiel

learning by experimentation
USE heuristic programming
\+ unsupervised learning

learning content management systems
USE learning management systems

learning management systems
BT computer aided instruction
educational administrative data processing
SY *learning content management systems*
RT computer based training
distance learning
educational courses

Internet
DEU lernendes Managementsystem

learning systems
BT adaptive systems
NT cognitive systems
RT adaptive control
artificial intelligence
automata theory
biocommunications
biocybernetics
brain models
cybernetics
learning (artificial intelligence)
man-machine systems
model reference adaptive control systems
neural nets
self-adjusting systems
DEU lernendes System

leasing
BT financial management
RT purchasing
rental
DEU Leasing (Finanzen)

Leasing (Finanzen)
DEU for leasing

least mean squares methods
BT least squares approximations
mean square error methods
SY *LMS methods*
minimum mean square error methods
MMSE
PT least squares approximations
RT curve fitting
gradient methods
optimisation
DEU Methode des letzten mittleren Quadrates

least squares approximations
BT numerical analysis
NT least mean squares methods
RT approximation theory
curve fitting
mean square error methods
optimisation
recursive estimation
DEU Methode der kleinsten Quadrate

leather
BT materials
RT leather industry
leather products
skin
DEU Leder

leather industry
BT manufacturing industries
RT footwear industry
leather
leather products
tanning
DEU Lederindustrie

leather products
BT manufactured products
RT leather
leather industry
DEU Ledererzeugnis
DSY Lederware

lebendes System
DEU for living systems

Lebensdauer des Kernenergieniveaus
DUS für nuclear energy level lifetimes

Lebensdauerkosten
DUS für life cycle costing

Lebensdauerprüfung
DEU for life testing

Lebenserwartung
DEU for remaining life assessment

Lebensmittel
DEU for food products

Lebensmittelherstellung
DEU for food manufacturing

Lebensmittelindustrie
DEU for food processing industry

Lebensmittelkonservierung
DEU for food preservation

Lebensmittelsicherheit
DEU for food safety

Lebensmitteltechnologie
DEU for food technology

Lebensmittelzusatz
DEU for food additives

Lebenszeit des Kernenergieniveaus
DUS für nuclear energy level lifetimes

Lebenszykluskosten
DUS für life cycle costing

Leber
DEU for liver

LEC growth
USE crystal growth from melt

Leckstrom
DEU for leakage currents

Lecksuche
DEU for leak detection

Leckwellenantenne
DEU for leaky wave antennas

LED
USE light emitting diodes

LED displays
BT electroluminescent displays
light emitting diodes
SY *light emitting diode displays*
PT electroluminescent displays
light emitting diodes
RT flat panel displays
flexible displays
flexible electronics
LED lamps
organic light emitting diodes
DEU LED-Anzeige

LED lamps
BT lamps
light emitting diodes
SY *light emitting diode lamps*
PT lamps
light emitting diodes
RT LED displays
light sources
DEU LED-Lampe

LED printers
BT printers
SY *light emitting diode printers*
PT printers
DEU LED-Drucker

LED-Anzeige
DEU for LED displays

LED-Drucker
DEU for LED printers

LED-Lampe
DEU for LED lamps

Leder
DEU for leather

Ledererzeugnis
DEU for leather products

Lederindustrie
DEU for leather industry

Lederware
DUS für leather products

Lee model
BT elementary particle theory
quantum field theory
PT quantum field theory
DEU Lee-Modell

Lee-Modell
DEU for Lee model

LEED
USE low energy electron diffraction

LEED (Beugung von Elektronen geringer Energie)
DUS für low energy electron diffraction

LEED (Diffraktion von Elektronen geringer Energie)
DUS für low energy electron diffraction

LEED (Low Energy Electron Diffraction)
DUS für low energy electron diffraction

left-handed materials
USE metamaterials

legacy systems (software)
USE software maintenance

legal aspects
USE law

legal data processing
USE law administration

legal protection of software
USE industrial property

Legendre polynomials
BT polynomials
PT polynomials
RT nuclear reaction theory
polarisation in nuclear reactions

and scattering
DEU Legendre-Polynom

Legendre-Polynom
DEU for Legendre polynomials

legged locomotion
BT mobile robots
SY *biped locomotion*
PT mobile robots
RT gait analysis
motion control
DEU Beinbewegung

Legieren
DEU for alloying

legierter Stahl
DEU for alloy steel

Legierung
DEU for alloys

Legierung mit Übergangsmetall
DEU for transition metal alloys

Legierungszusatz
DEU for alloying additions

legislation
BT law
NT environmental legislation
product liability
UF *Control of Substances Hazardous to Health legislation / legislation + occupational health + occupational safety*
UF *COSHH legislation / legislation + occupational health + occupational safety*
UF *domain names (Internet) / government policies + Internet + legislation*
UF *EU legislation / government policies + international collaboration + legislation*
UF *Occupational Safety & Health Administration regulations / legislation + occupational health + occupational safety*
UF *OSHA legislation / legislation + occupational health + occupational safety*
UF *Sarbanes-Oxley Act / auditing + legislation*
RT building standards
computer crime
computer viruses
copyright
data protection
digital forensics
digital rights management
electrical installation
electricity supply industry
deregulation
ethical aspects
government
industrial property
law administration
national security
nuclear facility regulation
patents
privatisation
professional aspects
RoHS compliance
taxation
telecommunication industry
unsolicited e-mail
DEU Gesetzgebung

Lehm (Erde)
DEU for clay

Lehre (Berufsausbildung)
DEU for teaching

Lehre (Maß)
DUS für gauges

Lehrerausbildung
DUS für teacher training

Lehrertraining
DUS für teacher training

Lehrmittel
DUS für educational aids

Lehrroboter
DUS für educational robots

Lehrveranstaltung
DUS für teaching

Lehrverfahren
DUS für educational technology

Leichtbauteil
DEU for lightweight structures

Leichtstrukturbauteil
DUS für lightweight structures

Leichtwasserreaktor
DEU for light water reactors

Leim
DUS für adhesives

Leimpresse
DUS für presses

Leistenwellenleiter
DEU for rib waveguides

Leistungs-HEMT
DEU for power HEMT

Leistungs-MESFET
DEU for power MESFET

Leistungs-MOSFET
DEU for power MOSFET

Leistungsaufnahme
DEU for power consumption

Leistungsbewertung
DEU for performance evaluation

Leistungselektronik
DEU for power electronics

Leistungsfaktor
DEU for power factor

Leistungsfaktorkorrektur
DEU for power factor correction

Leistungsfaktormessung
DEU for power factor measurement

Leistungsfeldeffekttransistor
DUS für power field effect transistors

Leistungsfilter
DUS für power filters

Leistungsgleichspannungswandler
DEU for DC-DC power convertors

Leistungshalbleiterschalter
DUS für power semiconductor switches

Leistungskondensator
DEU for power capacitors

Leistungsmessung
DEU for power measurement

Leistungsregelung
DEU for power control

Leistungsschalter
DEU for circuit breakers

Leistungstransformator
DEU for power transformers

Leistungstransformatorenstufenschalter
DEU for on load tap changers

Leistungstransistor
DEU for power transistors

Leistungstransistorabsicherung
DEU for power transformer protection

Leistungstransistorprüfung
DEU for power transformer testing

Leistungstransistorschutz
DUS für power transformer protection

Leistungstransistortest
DUS für power transformer testing

Leistungsumformerisolation
DEU for power transformer insulation

Leistungsumformerisolierung
DUS für power transformer insulation

Leistungsverbinder
DUS für power combiners

Leistungsverbrauch
DUS für power consumption

Leistungsverformungstheorie
DUS für rate distortion theory

Leistungsverstärker
DEU for power amplifiers

Leistungsverzerrungstheorie
DEU for rate distortion theory

Leistungswechselrichter
DUS für DC-AC power convertors

Leistungswert
DEU for performance index

Leistungtransformatorisolation
DUS für power transformer insulation

Leistungtransformatorisolierung
DUS für power transformer insulation

leisure industry
BT service industries
NT entertainment
sport
SY *holiday industry*
PT administrative data processing
RT hotel industry
reservation computer systems
travel industry
DEU Freizeitindustrie

leitender Klebstoff
DEU for conductive adhesives

leitender Körper
DEU for conducting bodies

Leiter (elektrisch)
DUS für conductors (electric)

Leiter (Gerät)
DEU for ladders

Leiterplattenfertigung
DUS für printed circuit manufacture

Leiterplattenherstellung
DUS für printed circuit manufacture

Leiterplattenprüfung
DEU for printed circuit testing

Leiterverbindung
DUS für electric connectors

Leiterwerkstoff
DEU for conducting materials

leitfähiges Polymer
DEU for conducting polymers

Leitungsband
DEU for conduction bands

Leitungskonzentrator
DEU for line concentrators

Leitungswissenschaft
DEU for management science

lektroparamagnetischer Resonanzbilderzeugung
DUS für EPR imaging

lektroparamagnetischer Resonanzbildgebung
DUS für EPR imaging

Lempel-Ziv data compression
USE data compression

length measurement
BT spatial variables measurement
UF *length standards / length measurement + measurement standards*
RT micrometry
thermal expansion measurement
DEU Längenmessung

length standards
USE length measurement
\+ measurement standards

Lennard-Jones and Devonshire theory
USE liquid theory

Lennard-Jones potential
BT potential energy functions
PT intermolecular mechanics
RT intermolecular mechanics
liquid structure
liquid theory
DEU Lennard-Jones-Potential
DSY Lennard-Jones-Potenzial

Lennard-Jones-Potential
DEU for Lennard-Jones potential

Lennard-Jones-Potenzial
DUS für Lennard-Jones potential

lens aberrations
USE aberrations

lens antennas
BT directive antennas
microwave antennas
PT antennas
RT aperture antennas
radar antennas
DEU Linsenantenne

lenses
NT electron lenses
electrostatic lenses
magnetic lenses
microlenses
ophthalmic lenses
photographic lenses
UF *aspherical lenses / aspherical optics + lenses*

SY *axicons*
UF *geodesic lenses / integrated optics + lenses*
UF *GRIN lenses / gradient index optics + lenses*
UF *holographic lenses / holographic optical elements + lenses*
SY *ion lenses*
optical lenses
RT aberrations
aspherical optics
cameras
focusing
gradient index optics
laser accessories
optical focusing
optical materials
telescopes
DEU Linse (optisch)

lenses, gravitational
USE gravitational lenses

lenticular galaxies
USE galaxies

Lepton
DEU for leptons

lepton decay
BT elementary particle decay
NT muon decay
PT elementary particle decay
RT leptonic decays
leptons
DEU Lepton-Zerfall

lepton electric moment
BT elementary particle electric moment
NT neutrino electric moment
PT electric moments
RT leptons
DEU Lepton-Elektrisches-Moment

lepton interactions
USE lepton-deuteron interactions
\+ lepton-hadron interactions
\+ lepton-lepton interactions

lepton magnetic moment
BT elementary particle magnetic moment
NT neutrino magnetic moment
PT magnetic moments
RT leptons
DEU Lepton-Magnetisches-Moment

lepton mass
BT elementary particle mass
NT neutrino mass
PT leptons
mass
RT leptons
mass differences
DEU Lepton-Masse

lepton parity
BT elementary particle parity
PT lepton spin and parity
RT lepton spin
DEU Lepton-Paarigkeit
DSY Lepton-Parität

lepton production
NT electron production
muon production
neutrino production
PT leptons
RT leptons
DEU Lepton-Produktion

lepton reactions
USE lepton-nucleus reactions

lepton scattering by hadrons
USE lepton-hadron scattering

lepton scattering
USE lepton-deuteron scattering
\+ lepton-hadron scattering
\+ lepton-lepton scattering

lepton spin
BT elementary particle spin
NT electron spin
PT lepton spin and parity
RT isotopic spin (elementary particles)
lepton parity
DEU Lepton-Spin

Lepton-Atomkern-Reaktion
DEU for lepton-nucleus reactions

Lepton-Atomkern-Streuung
DEU for lepton-nucleus scattering

lepton-baryon interactions
BT lepton-hadron interactions
NT lepton-hyperon interactions
lepton-nucleon interactions
PT lepton-hadron interactions
RT lepton-baryon scattering
DEU Lepton-Baryon-Wechselwirkung

lepton-baryon scattering
BT lepton-hadron scattering
NT lepton-hyperon scattering
lepton-nucleon scattering
PT lepton-hadron scattering
RT lepton-baryon interactions
DEU Lepton-Baryon-Streuung

Lepton-Baryon-Streuung
DEU for lepton-baryon scattering

Lepton-Baryon-Wechselwirkung
DEU for lepton-baryon interactions

lepton-deuteron interactions
BT elementary particle interactions
NT electron-deuteron interactions
muon-deuteron interactions
neutrino-deuteron interactions
UF *lepton interactions / lepton-deuteron interactions* + *lepton-hadron interactions* + *lepton-lepton interactions*
PT deuteron interactions
lepton interactions
RT lepton-deuteron scattering
DEU Lepton-Deuteron-Wechselwirkung

lepton-deuteron scattering
BT elementary particle scattering
NT electron-deuteron scattering
muon-deuteron scattering
neutrino-deuteron scattering
UF *lepton scattering / lepton-deuteron scattering* + *lepton-hadron scattering* + *lepton-lepton scattering*
PT deuteron scattering
lepton scattering
RT lepton-deuteron interactions
DEU Lepton-Deuteron-Streuung

Lepton-Deuteron-Streuung
DEU for lepton-deuteron scattering

Lepton-Deuteron-Wechselwirkung
DEU for lepton-deuteron interactions

Lepton-Elektrisches-Moment
DEU for lepton electric moment

lepton-hadron interactions
BT elementary particle interactions
NT lepton-baryon interactions
UF *lepton interactions / lepton-deuteron interactions* + *lepton-hadron interactions* + *lepton-lepton interactions*
UF *muon interactions / lepton-hadron interactions* + *lepton-lepton interactions* + *muon-deuteron interactions* + *muon-nucleon interactions* + *muon-nucleus reactions*
PT baryon interactions
electron interactions
hadron interactions
hyperon interactions
kaon interactions
lepton interactions
meson interactions
muon interactions
neutrino interactions
pion interactions
RT lepton-hadron scattering
DEU Lepton-Hadron-Wechselwirkung

lepton-hadron scattering
BT elementary particle scattering
NT lepton-baryon scattering
SY *lepton scattering by hadrons*
UF *lepton scattering / lepton-deuteron scattering* + *lepton-hadron scattering* + *lepton-lepton scattering*
UF *muon scattering / lepton-hadron scattering* + *lepton-lepton scattering* + *muon-deuteron scattering* + *muon-nucleon scattering* + *muon-nucleus scattering*
PT lepton scattering by hadrons
RT lepton-hadron interactions
DEU Lepton-Hadron-Streuung

Lepton-Hadron-Streuung
DEU for lepton-hadron scattering

Lepton-Hadron-Wechselwirkung
DEU for lepton-hadron interactions

lepton-hyperon interactions
BT lepton-baryon interactions
PT lepton-hadron interactions
RT lepton-hyperon scattering
DEU Lepton-Hyperon-Wechselwirkung

lepton-hyperon scattering
BT lepton-baryon scattering
PT lepton-hadron scattering
RT lepton-hyperon interactions
DEU Lepton-Hyperon-Streuung

Lepton-Hyperon-Streuung
DEU for lepton-hyperon scattering

Lepton-Hyperon-Wechselwirkung
DEU for lepton-hyperon interactions

lepton-lepton interactions
BT elementary particle interactions
NT electron-electron interactions
electron-positron interactions
neutrino-electron interactions
neutrino-neutrino interactions
positron-positron interactions
UF *lepton interactions / lepton-deuteron interactions + lepton-hadron interactions + lepton-lepton interactions*
UF *muon interactions / lepton-hadron interactions + lepton-lepton interactions + muon-deuteron interactions + muon-nucleon interactions + muon-nucleus reactions*
PT electron interactions
lepton interactions
muon interactions
neutrino interactions
RT lepton-lepton scattering
positron-positron scattering
DEU Lepton-Lepton-Wechselwirkung

lepton-lepton scattering
BT elementary particle scattering
NT electron-electron scattering
electron-positron scattering
neutrino-electron scattering
neutrino-neutrino scattering
positron-positron scattering
UF *lepton scattering / lepton-deuteron scattering + lepton-hadron scattering + lepton-lepton scattering*
UF *muon scattering / lepton-hadron scattering + lepton-lepton scattering + muon-deuteron scattering + muon-nucleon scattering + muon-nucleus scattering*
PT electron scattering
lepton scattering
muon scattering
neutrino scattering
RT lepton-lepton interactions
DEU Lepton-Lepton-Streuung

Lepton-Lepton-Streuung
DEU for lepton-lepton scattering

Lepton-Lepton-Wechselwirkung
DEU for lepton-lepton interactions

Lepton-Magnetisches-Moment
DEU for lepton magnetic moment

Lepton-Masse
DEU for lepton mass

lepton-neutron interactions
BT lepton-nucleon interactions
PT lepton-nucleon interactions
RT lepton-neutron scattering
DEU Lepton-Neutron-Wechselwirkung

lepton-neutron scattering
BT lepton-nucleon scattering
PT lepton-nucleon scattering
RT lepton-neutron interactions
DEU Lepton-Neutron-Streuung

Lepton-Neutron-Streuung
DEU for lepton-neutron scattering

Lepton-Neutron-Wechselwirkung
DEU for lepton-neutron interactions

lepton-nucleon interactions
BT lepton-baryon interactions
NT deep inelastic scattering
electron-nucleon interactions
lepton-neutron interactions
lepton-proton interactions
muon-nucleon interactions
neutrino-nucleon interactions
PT electron interactions
hadron leptoproduction
lepton interactions
lepton-hadron interactions
muon interactions
neutrino interactions
neutron interactions
nucleon interactions
proton interactions
RT EMC effect
lepton-nucleon scattering
lepton-nucleus reactions
DEU Lepton-Nukleon-Wechselwirkung

lepton-nucleon scattering
BT lepton-baryon scattering
NT electron-nucleon scattering
lepton-neutron scattering
lepton-proton scattering
muon-nucleon scattering

neutrino-nucleon scattering
PT electron scattering
lepton scattering
lepton-hadron scattering
muon scattering
neutrino scattering
neutron scattering
nucleon scattering
proton scattering
RT lepton-nucleon interactions
lepton-nucleus scattering
DEU Lepton-Nukleon-Streuung

lepton-nucleus reactions
BT nuclear reactions and scattering
NT electron-nucleus reactions
muon-nucleus reactions
neutrino-nucleus reactions
SY *lepton reactions*
PT electron-nucleus reactions
muon-nucleus reactions
neutrino-nucleus reactions
nuclear reactions and scattering
RT EMC effect
lepton-nucleon interactions
DEU Lepton-Atomkern-Reaktion

lepton-nucleus scattering
BT nuclear reactions and scattering
NT electron-nucleus scattering
muon-nucleus scattering
neutrino-nucleus scattering
PT electron-nucleus scattering
muon-nucleus scattering
neutrino-nucleus scattering
nuclear reactions and scattering
RT lepton-nucleon scattering
DEU Lepton-Atomkern-Streuung

Lepton-Nukleon-Streuung
DEU for lepton-nucleon scattering

Lepton-Nukleon-Wechselwirkung
DEU for lepton-nucleon interactions

Lepton-Paarigkeit
DEU for lepton parity

Lepton-Parität
DUS für lepton parity

Lepton-Produktion
DEU for lepton production

lepton-proton interactions
BT lepton-nucleon interactions
PT lepton-nucleon interactions
RT lepton-proton scattering
DEU Lepton-Proton-Wechselwirkung

lepton-proton scattering
BT lepton-nucleon scattering
PT lepton-nucleon scattering
RT lepton-proton interactions
DEU Lepton-Proton-Streuung

Lepton-Proton-Streuung
DEU for lepton-proton scattering

Lepton-Proton-Wechselwirkung
DEU for lepton-proton interactions

Lepton-Spin
DEU for lepton spin

Lepton-Zerfall
DEU for lepton decay

leptonic decays
BT elementary particle decay
NT baryon leptonic decay
meson leptonic decay
muon decay
RT lepton decay
DEU Leptonischer Zerfall

Leptonischer Zerfall
DEU for leptonic decays

leptons
BT fermions
NT electrons
heavy leptons
muons
neutrinos
positrons
RT lepton decay
lepton electric moment
lepton magnetic moment
lepton mass
lepton production
DEU Lepton

Lernen (künstliche Intelligenz)
DEU for learning (artificial intelligence)

Lernen durch Beispiel
DEU for learning by example

lernender Automat
DEU for learning automata

lernendes Managementsystem
DEU for learning management systems

lernendes System
DEU for learning systems

Lernhilfsmittel
DUS für educational aids

Lernprogramm
DEU for courseware

Lernroboter
DUS für educational robots

Lernverfahren
DUS für educational technology

letters of credit
BT accounting
banking
PT accounting
banking
DEU Kreditlinie
DSY Kreditvertrag

Letzte-Meile-Technik
DEU for digital subscriber lines

Leuchtbauelement
DEU for light emitting devices

Leuchtdiode
DUS für electroluminescent devices

Leuchtschienensystem
DEU for light rail systems

Leuchtschirm
DEU for fluorescent screens

Leuchtstofflampe
DEU for fluorescent lamps

leucocytes
USE blood
\+ cellular biophysics

level control
BT spatial variables control
SY *liquid level control*
RT level measurement
sloshing
DEU Niveauregler

level crossing (energy)
USE energy level crossing

level measurement
BT spatial variables measurement
SY *liquid level measurement*
RT level control
level meters
DEU Füllstandsmessung

level meters
BT meters
RT control equipment
level measurement
DEU Füllstandsanzeige
DSY Füllstandsmesser

levels, energy
USE energy states

levitation, magnetic
USE magnetic levitation

Levitron
USE pinch effect
\+ plasma devices

LF radio propagation
USE radiowave propagation

LHDI (plasma)
USE plasma instability

Li (chemical element)
USE lithium

Li stars
USE giant stars
\+ supergiant stars

Li-poor old disk stars
USE dwarf stars

Li-rich old disk stars
USE dwarf stars

liability, professional
USE professional aspects

librarianship
USE information science

libraries
BT computer applications
NT digital libraries
library automation
public libraries
software libraries
special libraries
PT information services
RT cataloguing

information centres
information needs
information science education
information science
information services
interlibrary loan
DEU Bibliothek

library automation
BT automation
libraries
NT interlibrary loan
SY *library mechanisation*
UF *online public access catalogues / bibliographic systems + cataloguing + library automation + public information systems*
UF *OPAC / bibliographic systems + cataloguing + library automation + public information systems*
PT library mechanisation
RT cataloguing
digital libraries
DEU Bibliotheksautomatisierung

library mechanisation
USE library automation

Library of Congress
DUS für academic libraries

library science
USE information science

librational states
BT energy states
SY *molecular libration*
molecular rotorsion
molecular rotorsional states
molecular torsion
torsion, molecular
PT molecular libration
RT molecular electronic states
rotational states
vibrational modes
vibrational states
DEU librationaler Zustand

librationaler Zustand
DEU for librational states

licensing (nuclear facilities)
USE nuclear facility regulation

Licht
DEU for light

Licht emittierendes Bauelement
DUS für light emitting devices

Licht emittierendes Gerät
DUS für light emitting devices

Licht-Schall-Faltung
DUS für acousto-optical convolution

Licht-Spektrometer
DEU for visible spectrometers

lichtabgebende Vorrichtung
DUS für light emitting devices

Lichtabsorption
DEU for light absorption

Lichtanregung
DEU for photoexcitation

Lichtausbreitung
DEU for light propagation

Lichtausbreitung in der Atmosphäre
DUS für atmospheric light propagation

Lichtbegrenzer
DEU for optical limiters

Lichtbogen (elektrisch)
DEU for arcs (electric)

Lichtbogenofen
DEU for arc furnaces

Lichtbogenschneiden
DEU for arc cutting

Lichtbogenschweißen
DEU for arc welding

lichtdynamische Therapie
DEU for photodynamic therapy

lichtemittierende Anordnung
DUS für light emitting devices

lichtemittierende Vorrichtung
DUS für light emitting devices

lichtemittierendes Gerät
DUS für light emitting devices

Lichtempfänger
DEU for optical receivers

Lichtempfänger
DUS für photodetectors

Lichtgeschwindigkeit
DEU for light velocity

Lichtgeschwindigkeitsmessung
DEU for light velocity measurement

Lichtimpulserzeugung
DEU for optical pulse generation

Lichtimpulskompression
DEU for optical pulse compression

lichtinduzierter Strom
DUS für OBIC (optical beam induced currents)

Lichtinterferenz
DEU for light interference

Lichtinterferometer
DEU for light interferometers

Lichtinterferometrie
DEU for light interferometry

Lichtkegel
DEU for light cones

Lichtleiterfilter
DEU for optical fibre filters

Lichtleiterherstellung
DEU for optical fibre fabrication

Lichtleiterhülle
DUS für optical fibre cladding

Lichtleiterkomponente
DEU for optical waveguide components

Lichtleiterkoppler
DEU for optical fibre couplers

Lichtleiternetzwerk
DEU for optical fibre networks

Lichtleiterpolarisation
DEU for optical fibre polarisation

Lichtleiterprüfung
DEU for optical fibre testing

Lichtleitertest
DUS für optical fibre testing

Lichtleitertheorie
DEU for optical fibre theory

Lichtleiterumhüllung
DUS für optical fibre cladding

Lichtleiterummantelung
DUS für optical fibre cladding

Lichtleiterverlust
DEU for optical fibre losses

Lichtmaschine
DEU for alternators

Lichtmikroskop
DEU for optical microscopes

Lichtquelle
DEU for light sources

Lichtreflektor
DEU for optical reflectors

Lichtreflexion
DEU for light reflection

Lichtschienensystem
DUS für light rail systems

Lichtsender
DEU for optical transmitters

Lichtspektrometer
DUS für visible spectrometers

Lichtspektrometrie
DEU for visible spectroscopy

Lichtspektroskopie
DUS für visible spectroscopy

Lichtspektrum
DEU for visible spectra

Lichtsteuerung
DUS für lighting control

Lichtstift
DEU for light pens

Lichtstrahl
DUS für light

Lichtstrahl-induzierter Strom
DUS für OBIC (optical beam induced currents)

Lichtstrahlstrominduktion
DUS für OBIC (optical beam induced currents)

Lichtstrahlstrominduzierung
DUS für OBIC (optical beam induced currents)

Lichtstrahlung
DUS für light

Lichtstreuung
DEU for light scattering

Lichtstrominduktion
DUS für OBIC (optical beam induced currents)

Lichtstrominduzierung
DUS für OBIC (optical beam induced currents)

Lichttheorie (elektromagenetisch)
DUS für electromagnetic theory of light

Lichttherapie
DUS für photodynamic therapy

Lichttransmitter
DUS für optical transmitters

Lichtventil
DEU for light valves

Lichtverstärker
DUS für image intensifiers
optical fibre amplifiers

Lichtwellenfilter
DEU for optical waveguide filters

Lichtwellenleiter
DEU for optical waveguides

Lichtwellenleiterstreuung
DEU for optical fibre dispersion

Lichtwellenleitertheorie
DEU for optical waveguide theory

Lichtwirbel
DEU for optical vortices

LIDAR
USE optical radar

Lie algebras
BT algebra
PT algebra
RT Lie groups
DEU Lie-Algebra

Lie groups
BT group theory
PT group theory
RT differential equations
elementary particle symmetry
geometry
Lie algebras
quantum field theory
SU(N) theory
symmetry
DEU Lie-Gruppe

Lie-Algebra
DEU for Lie algebras

Lie-Gruppe
DEU for Lie groups

Liesegang patterns
USE precipitation (physical chemistry)

life cycle assessment
USE product life cycle management

life cycle costing
BT costing
PT costing
economics
reliability
RT asset management
economics
maintenance engineering
product life cycle management
reliability
value engineering
DEU Laufzeitkosten
DSY Lebensdauerkosten
Lebenszykluskosten

life long learning
USE continuing professional development

life testing
BT testing
NT remaining life assessment
SY *accelerated testing*
PT testing
RT durability

electron device testing
electron tube testing
electronic equipment testing
integrated circuit testing
reliability
semiconductor device testing
DEU Lebensdauerprüfung

life, origin
USE evolution (biological)

Lift
DUS für lifts

lifting
BT materials handling
RT lifting equipment
DEU Heben
DSY Hebezeug

lifting equipment
BT materials handling equipment
NT cranes
hoists
lifts
SY *jacks*
RT aerial equipment
fork lift trucks
lifting
pulleys
winches
DEU Hebeeinrichtung
DSY Hebevorrichtung
Hebezeug

lifts
BT lifting equipment
SY *elevators*
RT cableway systems
conveyors
ladders
transportation
DEU Aufzug
DSY Fahrstuhl
Lift

LIGA
BT electroforming
ultraviolet lithography
X-ray lithography
PT electroforming
X-ray lithography
RT electroplating
micromachining
micromechanical devices
optical fabrication
DEU LIGA (Elektroumformen)

LIGA (Elektroumformen)
DEU for LIGA

ligand field theory
USE bonds (chemical)
+ crystal field interactions
+ molecular electronic states

light
BT electromagnetic waves
NT electromagnetic theory of light
stray light
UF *bending of light / gravitation + light*
RT birefringence
colour
Doppler effect
Kapitza-Dirac effect
lamps
light absorption
light coherence
light diffraction
light interference
light interferometers
light interferometry
light polarisation
light reflection
light refraction
light scattering
light sources
light transmission
light velocity
light velocity measurement
lighting
optical variables measurement
optics
photometry
photons
visibility
DEU Licht
DSY Lichtstrahl
Lichtstrahlung

light absorption
BT electromagnetic wave absorption
NT absorption coefficients
optical saturable absorption
SY *hypochromism*
UF *light attenuation / light absorption + light scattering + light transmission + optical dispersion*
SY *optical absorption*
RT absorbing media
atmospheric optics
bio-optics
densitometry
dichroism
light
light propagation

light transmission
optical constants
optical films
optical filters
optical losses
photoluminescence
pleochroism
spectra (general)
DEU Lichtabsorption
DSY optische Absorption

light absorption spectra
USE spectra (general)

light attenuation
USE light absorption
+ light scattering
+ light transmission
+ optical dispersion

light beam induced currents
USE OBIC (optical beam induced currents)

light coherence
BT coherence
SY *optical coherence*
RT acousto-optical effects
laser beams
laser theory
lasers
light
quantum optics
speckle
DEU kohärentes Licht

light communication
USE optical communication

light cones
PT quantum field theory
relativity
RT current algebra
elementary particle theory
hadron leptoproduction
quantum field theory
relativity
DEU Lichtkegel

light curves
USE astronomical photometry

light diffraction
BT electromagnetic wave diffraction
NT Fraunhofer diffraction
Fresnel diffraction
SY *optical diffraction*
UF *Raman-Nath theory / acousto-optical effects + light diffraction*
RT holography
light
Talbot effect
DEU optische Beugung

light diffusion
USE light scattering

light dispersion
USE optical dispersion

light emitting devices
BT emission
NT light emitting diodes
luminescent devices
RT light sources
DEU Leuchtbauelement
DSY Licht emittierendes Bauelement
Licht emittierendes Gerät
lichtabgebende Vorrichtung
lichtemittierende Anordnung
lichtemittierende Vorrichtung
lichtemittierendes Gerät

light emitting diode displays
USE LED displays

light emitting diode lamps
USE LED lamps

light emitting diode printers
USE LED printers

light emitting diodes
BT light emitting devices
optoelectronic devices
semiconductor diodes
NT LED displays
LED lamps
organic light emitting diodes
superluminescent diodes
SY *LED*
PT light emitting devices
semiconductor diodes
RT display devices
electroluminescent displays
integrated optoelectronics
microcavities
opto-isolators
semiconductor lasers
DEU Lumineszenzdiode

light filters
USE optical filters

light intensifiers
USE image intensifiers

light interference
BT electromagnetic wave interference
SY *optical interference*
RT interference filters
light
light interferometers
light interferometry
moire fringes
optical films
optical filters
optical lattices
quantum interference phenomena
Talbot effect
DEU Lichtinterferenz

light interferometers
BT electromagnetic wave interferometers
optical instruments
NT Fabry-Perot interferometers
Mach-Zehnder interferometers
Michelson interferometers
Sagnac interferometers
SY *laser interferometers*
optical interferometers
RT fibre optic sensors
gravitational wave detectors
light
light interference
light interferometry
measurement by laser beam
optical sensors
wavefront sensors
DEU Lichtinterferometer

light interferometry
BT electromagnetic wave interferometry
NT electronic speckle pattern interferometry
phase shifting interferometry
SY *laser interferometry*
optical interferometry
RT holographic interferometry
light
light interference
light interferometers
measurement by laser beam
moire fringes
speckle
surface topography measurement
Talbot effect
DEU Lichtinterferometrie

light meters
USE photometers

light microscopes
USE optical microscopes

light microscopy
USE optical microscopy

light modulation
USE optical modulation

light pens
BT interactive devices
SY *beam pens*
pens (light)
RT computer graphic equipment
mouse controllers (computers)
DEU Lichtstift

light polarisation
BT electromagnetic wave polarisation
NT optical fibre polarisation
SY *light polarization*
optical polarisation
RT birefringence
Faraday effect
light
optical polarisers
optical prisms
optical retarders
optical rotation
photoelasticity
polarimeters
waveguide polarisers
DEU optische Polarisation

light polarization
USE light polarisation

light pollution
USE pollution
\+ sky brightness

light propagation
BT electromagnetic wave propagation
NT atmospheric light propagation
plasma light propagation
slow light
SY *optical propagation*
PT electromagnetic wave propagation
light transmission
RT light absorption
light transmission
DEU Lichtausbreitung

light propagation in plasma
USE plasma light propagation

light rail systems
BT railways
SY *light railways*
PT railways
RT rapid transit systems
DEU Leuchtschienensystem
DSY Lichtschienensystem

light railways
USE light rail systems

light reflection
BT electromagnetic wave reflection
NT attenuated total reflection
UF *optical reflection / light reflection + reflectivity*
RT light
mirrors
optical films
retroreflectors
DEU Lichtreflexion
DSY optische Reflexion

light reflection spectra
USE reflectivity
\+ spectra (general)

light reflectometers
USE reflectometers

light reflectometry
USE reflectometry

light refraction
BT electromagnetic wave refraction
UF *mirages / atmospheric optics + light refraction*
SY *optical refraction*
RT atmospheric optics
birefringence
dichroism
light
pleochroism
retroreflectors
DEU optische Brechung

light scattering
BT electromagnetic wave scattering
NT Brillouin spectra
Raman spectra
Rayleigh scattering
stimulated scattering
UF *light attenuation / light absorption + light scattering + light transmission + optical dispersion*
SY *light diffusion*
optical scattering
RT afterglows
atmospheric optics
bio-optics
extinction coefficients
light
Mie scattering
opacity
optical cloaking
optical losses
speckle
stray light
turbidimetry
turbidity
DEU Lichtstreuung
DSY optische Streuung

light sensitive materials
USE optical materials
\+ photographic material sensitivity
\+ photographic materials

light sources
NT infrared sources
photometric light sources
spectroscopic light sources
ultraviolet sources
SY *optical sources*
RT arc lamps
lamps
lasers
LED lamps
light
light emitting devices
lighting
lighting control
supercontinuum generation
undulator radiation
DEU Lichtquelle

light transmission
BT electromagnetic wave transmission
UF *light attenuation / light absorption + light scattering + light transmission + optical dispersion*
SY *optical transmission*
RT bio-optics
electromagnetic wave propagation
light
light absorption
light propagation
optical filters
optical losses
transparency
visibility
DEU optische Durchlässigkeit

light valves
BT electro-optical devices
PT liquid crystal devices
liquid crystal displays
RT display instrumentation
electro-optical modulation
liquid crystal devices
liquid crystal displays
optical projectors
DEU Lichtventil

light velocity
BT velocity
RT constants
light
light velocity measurement
physics fundamentals
DEU Lichtgeschwindigkeit

light velocity measurement
BT optical variables measurement
velocity measurement
RT light
light velocity
DEU Lichtgeschwindigkeitsmessung

light water
USE water

light water reactors
BT fission reactors
SY *LWR (nuclear)*
PT fission reactors
RT nuclear power stations
DEU Leichtwasserreaktor

light-induced drift
USE photophoresis
\+ radiation pressure

lighting
NT daylighting
emergency lighting
floodlighting
lighting control
street lighting
SY *illumination*
RT brightness
building services
environmental engineering
environmental testing
indoor environment
lamps
light
light sources
photometry
power utilisation
total energy systems
DEU Beleuchtung

lighting control
BT lighting
SY *illumination control*
PT lighting
RT brightness
building management systems
lamps
light sources
optical variables control
power control
DEU Beleuchtungssteuerung
DSY Lichtsteuerung

lightning
BT atmospheric electricity
discharges (electric)
SY *ball lightning*
RT atmospherics
lightning protection
thunderstorms
transients
DEU Blitz

lightning arresters
USE arresters
\+ lightning protection

lightning conductors
USE lightning protection

lightning protection
BT protection
UF *lightning arresters / arresters* + *lightning protection*
SY *lightning conductors*
lightning rods
RT arresters
divertors
insulation co-ordination
lightning
power distribution protection
power system protection
power transmission protection
surge protection
DEU Blitzschutz

lightning rods
USE lightning protection

lightweight structures
BT mechanical products
RT aerospace materials
deployable structures
foams
honeycomb structures
inflatable structures
metal foams

sandwich structures
thin wall structures
DEU Leichtbauteil
DSY Leichtstrukturbauteil

limit cycles
PT stability
RT nonlinear control systems
nonlinear differential equations
stability
stability criteria
DEU Grenzzyklus

limited space charge accumulation
BT high field effects
SY *LSA*
RT Gunn effect
negative resistance
space charge
space-charge limited devices
space-charge-limited conduction
DEU begrenzte Raumladungsakkumulation

limiters
BT networks (circuits)
NT current limiters
microwave limiters
optical limiters
SY *amplitude limiting circuits*
clipping circuits
limiting circuits
RT current limiting reactors
demodulators
receivers
transceivers
DEU Begrenzer

limiters (fusion reactors)
USE fusion reactor limiters

limiting circuits
USE limiters

linac
USE linear accelerators

line concentrators
BT multiplexing equipment
SY *concentrators, telecommunications*
RT telephone lines
DEU Leitungskonzentrator

line drivers
USE driver circuits

line formation
USE radiative transfer

linear accelerators
BT particle accelerators
NT collective accelerators
linear colliders
SY *linac*
RT colliding beam accelerators
collimators
electrostatic accelerators
DEU Linearbeschleuniger

linear algebra
BT algebra
NT determinants
dispersion relations
eigenvalues and eigenfunctions
matrix algebra
tensors
vectors
RT mathematical operators
numerical analysis
DEU lineare Algebra

linear antenna arrays
BT antenna arrays
linear antennas
PT antenna arrays
DEU Lineargruppenantenne

linear antennas
BT antennas
NT linear antenna arrays
DEU Linearantenne

linear BiCMOS circuits
USE BiCMOS analogue integrated circuits

linear bipolar circuits
USE bipolar analogue integrated circuits

linear CMOS circuits
USE CMOS analogue integrated circuits

linear codes
BT codes
PT codes
encoding (general)
error correction codes
RT algebraic codes
algebraic geometric codes
BCH codes
cyclic codes
decoding

dual codes
geometric codes
Goppa codes
Hamming codes
product codes
Reed-Muller codes
DEU Linearcode
DSY linearer Code

linear colliders
BT colliding beam accelerators
linear accelerators
PT linear accelerators
RT electron accelerators
ion accelerators
particle accelerator accessories
proton accelerators
DEU Linearstoßbeschleuniger

linear combination of atomic orbitals calculations
USE LCAO calculations

linear differential equations
BT differential equations
PT differential equations
RT differential algebraic equations
DEU lineare Differentialgleichung
DSY lineare Differenzialgleichung

linear induction motors
BT induction motors
linear motors
PT induction motors
linear motors
RT magnetic levitation
DEU Linearinduktionsmotor (elektrisch)

linear integrated circuits
USE analogue integrated circuits

linear machines
BT electric machines
NT linear motors
PT electric machines
DEU Linearmaschine

linear matrix inequalities
BT matrix algebra
SY *LMI*
PT matrix algebra
RT control system synthesis
linear systems
robust control
uncertain systems
DEU Linearmatrizenungleichmäßigkeit

linear momentum
BT momentum
PT momentum
RT angular momentum
DEU linearer Impuls
DSY lineares Moment

linear MOS circuits
USE MOS analogue integrated circuits

linear motors
BT electric motors
linear machines
NT linear induction motors
linear synchronous motors
PT electric motors
induction motors
RT brushless machines
electric vehicles
DEU Linearmotor

linear muffin-tin orbital method
BT orbital calculations
SY *LMTO method*
muffin-tin potential
PT muffin-tin potential
RT band theory
electronic structure
potential energy functions
DEU lineares Muffin-Zinn-Orbital-Methode

linear network analysis
BT network analysis
RT distributed parameter networks
linear network synthesis
lumped parameter networks
DEU lineare Netzwerkanalyse

linear network synthesis
BT network synthesis
RT distributed parameter networks
linear network analysis
lumped parameter networks
DEU lineare Netzwerksynthese

linear offset quadrature phase shift keying
USE minimum shift keying

linear phase filters
BT delay filters
PT delay circuits
DEU linearer Phasenfilter
DSY lineares Phasenfilter

linear predictive coding
BT encoding (general)
prediction theory
SY *CELP*
code excited linear prediction
LPC
PT encoding (general)
filtering and prediction theory
RT image coding
speech coding
DEU Codierung mit linearer Prädiktion
DSY Linear Predictive Coding (LPC)
lineare prädiktive Codierung
lineare Vorhersagecodierung
linearprädiktive Codierung
LPC (Linear Predictive Coding)
LPC-Verfahren

Linear Predictive Coding (LPC)
DUS für linear predictive coding

linear programming
BT mathematical programming
RT constraint theory
minimisation
operations research
DEU lineare Programmierung

linear quadratic control
BT optimal control
NT linear quadratic Gaussian control
SY *LQ control*
PT optimal control
optimisation
RT optimisation
DEU linearquadratische Regelung

linear quadratic Gaussian control
BT linear quadratic control
SY *LQG control*
PT optimal control
optimisation
RT Gaussian processes
optimisation
DEU linearquadratische Gauss-Regelung
DSY linearquadratische Gauss-Steuerung
LQG-Regelung

linear synchronous motors
BT linear motors
synchronous motors
PT linear motors
synchronous motors
RT magnetic levitation
DEU Linearsynchronmotor
DSY Synchronlinearmotor

linear systems
BT control systems
RT continuous time systems
control equipment
linear matrix inequalities
memoryless systems
nonlinear systems
realisation theory
uncertain systems
DEU lineares System

linear-beam tubes
USE microwave tubes

Linearantenne
DEU for linear antennas

Linearbeschleuniger
DEU for linear accelerators

Linearcode
DEU for linear codes

lineare Algebra
DEU for linear algebra

lineare Differentialgleichung
DEU for linear differential equations

lineare Differenzialgleichung
DUS für linear differential equations

lineare Netzwerkanalyse
DEU for linear network analysis

lineare Netzwerksynthese
DEU for linear network synthesis

lineare prädiktive Codierung
DUS für linear predictive coding

lineare Programmierung
DEU for linear programming

lineare Vorhersagecodierung
DUS für linear predictive coding

linearer Code
DUS für linear codes

linearer Impuls
DEU for linear momentum

linearer Phasenfilter
DEU for linear phase filters

lineares Moment
DUS für linear momentum

lineares Muffin-Zinn-Orbital-Methode
DEU for linear muffin-tin orbital method

lineares Phasenfilter
DUS für linear phase filters

lineares System
DEU for linear systems

Lineargruppenantenne
DEU for linear antenna arrays

Linearinduktionsmotor (elektrisch)
DEU for linear induction motors

linearisation techniques
BT circuit theory
control theory
SY *linearization techniques*
RT control system analysis
control system synthesis
feedforward amplifiers
nonlinear network synthesis
piecewise linear techniques
DEU Linearisierungsmethode
DSY Linearisierungstechnik

Linearisierungsmethode
DEU for linearisation techniques

Linearisierungstechnik
DUS für linearisation techniques

linearization techniques
USE linearisation techniques

Linearmaschine
DEU for linear machines

Linearmatrizenungleichmäßigkeit
DEU for linear matrix inequalities

Linearmotor
DEU for linear motors

linearprädiktive Codierung
DUS für linear predictive coding

linearquadratische Gauss-Regelung
DEU for linear quadratic Gaussian control

linearquadratische Gauss-Steuerung
DUS für linear quadratic Gaussian control

linearquadratische Regelung
DEU for linear quadratic control

Linearstoßbeschleuniger
DEU for linear colliders

Linearsynchronmotor
DEU for linear synchronous motors

lines (telephone)
USE telephone lines

linewidths (spectral)
USE spectral line breadth

linguistics
BT humanities
SY *language, linguistics*
linguistics, language
PT language translation and linguistics
RT computational linguistics
dictionaries
language translation
speech
DEU Linguistik
DSY linguistisches Verfahren

linguistics, computational
USE computational linguistics

linguistics, language
USE linguistics

Linguistik
DEU for linguistics

linguistisches Verfahren
DUS für linguistics

linings
BT mechanical products
UF *casing (borehole) / drilling (geotechnical) + linings + oil drilling*
RT brakes
bushings
furnaces
pipes
protective coatings
DEU Auskleidung
DSY Belag
Bremsbelag
Futter
Verkleidung

linkages
USE couplings

LinkedIn
USE social networking (online)

linkers, program
USE program compilers

linking
USE joining processes

links, telecommunication
USE telecommunication links

Linse (optisch)
DEU for lenses

Linsen-Aberration
DUS für aberrations

Linsenaberration
DUS für aberrations

Linsenantenne
DEU for lens antennas

Linux
BT Unix
NT Android (operating system)
PT Unix
RT public domain software
DEU Linux (Betriebssystem)

Linux (Betriebssystem)
DEU for Linux

Liouville equation
BT integro-differential equations
PT statistical mechanics
RT statistical mechanics
transport processes
Vlasov equation
DEU Liouville-Gleichung

Liouville-Gleichung
DEU for Liouville equation

lipid bilayers
BT membranes
SY *phospholipid bilayers*
PT cellular biophysics
membranes
RT biomembranes
cellular biophysics
molecular biophysics
DEU Doppellipidschicht
DSY Lipiddoppelschicht

Lipiddoppelschicht
DUS für lipid bilayers

Lippenlauterkennung
DEU for sign language recognition

liquefaction
BT liquid-vapour transformations
PT liquefaction of gases
RT condensation
film condensation
DEU Verflüssigen

liquefied natural gas technology
USE natural gas technology

liquefied petroleum gas
USE petroleum

liquid alloy ion sources
USE liquid metal ion sources

liquid alloys
BT alloys
liquids
PT alloys
liquid metals
RT liquid metals
DEU flüssige Legierung
DSY Flüssiglegierung

liquid crystal devices
NT liquid crystal displays
liquid crystal on silicon
PT display equipment
liquid crystals
optoelectronic devices
RT display devices
electro-optical devices
light valves
liquid crystals
smart pixels
spatial light modulators
DEU Flüssigkristallgerät

liquid crystal dispersed polymers
USE polymer dispersed liquid crystals

liquid crystal displays
BT display devices
liquid crystal devices
SY *LCD*
PT display devices
liquid crystal devices
RT computer displays
electro-optical devices
electronic paper
electrophoretic displays

ferroelectric displays
flat panel displays
flexible displays
flexible electronics
holographic displays
light valves
liquid crystal on silicon
liquid crystals
microdisplays
television displays
DEU Flüssigkristallanzeige

liquid crystal doped polymers
USE polymer dispersed liquid crystals

liquid crystal on silicon
BT liquid crystal devices
SY *LCOS*
PT liquid crystal devices
liquid crystal displays
RT ferroelectric liquid crystals
integrated optoelectronics
liquid crystal displays
microdisplays
spatial light modulators
DEU Flüssigkristall auf Silizium

liquid crystal phase transformations
BT phase transformations
PT liquid crystals
phase transformations
RT liquid crystals
DEU Flüssigkristallphasentransformation
DSY Flüssigkristallphasenumwandlung

liquid crystal polymer melts
USE liquid crystal polymers

liquid crystal polymer solutions
USE liquid crystal polymers

liquid crystal polymers
BT liquid crystals
polymers
SY *liquid crystal polymer melts*
liquid crystal polymer solutions
liquid crystalline polymers
polymer liquid crystals
PT liquid crystals
polymers
RT polymer melts
polymer solutions
DEU Flüssigkristallpolymer

liquid crystal shutter printers
USE LCS printers

liquid crystalline polymers
USE liquid crystal polymers

liquid crystals
BT liquids
NT antiferroelectric liquid crystals
cholesteric liquid crystals
discotic liquid crystals
ferroelectric liquid crystals
liquid crystal polymers
lyotropic liquid crystals
nematic liquid crystals
smectic liquid crystals
SY *mesomorphic state*
RT crystals
disclinations
flexoelectricity
liquid crystal devices
liquid crystal displays
liquid crystal phase transformations
molecular orientation
molecular reorientation
polymer dispersed liquid crystals
soft matter
DEU Flüssigkristall

liquid dielectrics
USE dielectric liquids

liquid drop model (nuclear)
USE nuclear liquid drop model

liquid encapsulated Czochralski method
USE crystal growth from melt

liquid films
BT films
liquids
RT adsorbed layers
capillarity
film boiling
film condensation
film flow
DEU Flüssigkeitsfilm

liquid helium
BT helium
liquids
quantum fluids
NT liquid helium 3-4 mixtures
liquid helium-3
liquid helium-4
SY *helium, liquid*
RT cryostats
helium films
Kapitza resistance
liquid helium sound propagation

quantum statistical mechanics
ripplons
rotons
vortices
DEU flüssiges Helium
DSY Flüssighelium

liquid helium 3-4 mixtures
BT liquid helium
PT liquid helium
DEU flüssige Helium-3-4-Mischung

liquid helium sound propagation
BT acoustic wave propagation
NT second sound
zero sound
RT acoustic wave velocity
liquid helium
liquid helium-4
DEU Flüssigheliumschallausbreitung
DSY Schallausbreitung in Flüssighelium

liquid helium-3
BT fermion systems
liquid helium
NT superfluid helium-3
PT liquid helium
RT Fermi liquid
DEU flüssiges Helium-3
DSY Flüssighelium-3

liquid helium-4
BT boson systems
liquid helium
NT superfluid helium-4
SY *helium I*
PT liquid helium
RT liquid helium sound propagation
DEU flüssiges Helium-4
DSY Flüssighelium-4

liquid ionisation chambers
BT ionisation chambers
PT ionisation chambers
RT ionisation
proportional counters
DEU Flüssigkeitsionisationskammer

liquid lasers
BT lasers
RT dye lasers
liquids
DEU Flüssigkeitslaser
DSY Flüssiglaser

liquid level control
USE level control

liquid level measurement
USE level measurement

liquid metal embrittlement
BT embrittlement
SY *LME*
PT embrittlement
RT brittleness
cracks
DEU Lötbrüchigkeit

liquid metal fast breeder reactors
BT fission reactors
SY *fast breeder reactors*
FBR (nuclear)
LMFBR (nuclear)
PT fission reactors
RT nuclear power stations
DEU schneller Flüssigmetall-Brutreaktor

liquid metal forging
USE squeeze casting

liquid metal ion sources
BT field ion emission
ion sources
liquid metals
SY *liquid alloy ion sources*
LMIS
PT ion sources
DEU Flüssigmetallionenquelle

liquid metals
BT liquids
metals
NT liquid metal ion sources
SY *molten metals*
RT liquid alloys
mercury (metal)
DEU flüssiges Metall
DSY Flüssigmetall

liquid mixtures
BT liquids
mixtures
PT mixtures
RT critical mixtures
mixing
solutions
DEU Flüssigkeitsmischung
DSY Flüssigmischung

liquid oscillations
USE fluid oscillations

liquid phase deposited coatings
BT coatings
NT electrodeposits
electroless deposited coatings
electrophoretic coatings
PT coatings
RT anodised layers
liquid phase deposition
thin films
DEU Flüssigphasenabscheidungsüberzug

liquid phase deposition
NT crystal growth from melt
crystal growth from solution
electrodeposition
electroless deposition
electrophoretic coating techniques
liquid phase epitaxial growth
UF *deposition techniques / coating techniques + liquid phase deposition + vapour deposition*
PT coating techniques
RT anodisation
coating techniques
dip coating
ink jet printing
liquid phase deposited coatings
melt processing
sol-gel processing
substrates
thin films
DEU Flüssigphasendeposition

liquid phase epitaxial growth
BT epitaxial growth
liquid phase deposition
SY *LPE*
PT crystal growth from melt
crystal growth from solution
RT crystal growth from melt
crystal growth from solution
DEU Flüssigphasenepitaxie

liquid proportional counters
BT proportional counters
PT proportional counters
RT ionisation chambers
DEU Flüssigproportionalzähler

liquid scintillation detectors
BT scintillation counters
PT scintillation counters
RT gas scintillation detectors
scintillation
solid scintillation detectors
DEU Flüssigkeits-Szintillationszähler

liquid semiconductors
BT liquids
semiconductor materials
PT semiconductor materials
DEU Flüssighalbleiter
DSY Flüssigkeitshalbleiter

liquid sloshing
USE sloshing

liquid structure
BT liquids
NT long-range order
molecular orientation
molecular reorientation
short-range order
UF *polymer melt structure / liquid structure + polymer melts*
UF *polymer solution structure / liquid structure + polymer solutions*
RT intermolecular mechanics
Lennard-Jones potential
liquid theory
DEU Flüssigkeitsstruktur
DSY Flüssigstruktur
Struktur von Flüssigkeiten

liquid surface waves
USE surface waves (fluid)

liquid theory
BT liquids
SY *cell model (liquids)*
dense fluids, theory
UF *electric double layers / electrochemistry + liquid theory*
UF *electrical double layers / electrochemistry + liquid theory*
SY *fluid theory, dense*
UF *hard-sphere fluids / liquid theory + statistical mechanics*
SY *hole theory of liquids*
UF *kinetic theory of liquids / kinetic theory + liquid theory*
SY *Lennard-Jones and Devonshire theory*
RT intermolecular mechanics
Lennard-Jones potential
liquid structure
molecular dynamics method
soft matter
statistical mechanics
transport processes
DEU Flüssigkeitstheorie

liquid waves
BT waves
NT capillary waves
water waves
UF *Kelvin waves / liquid waves + ocean waves*
RT fluid oscillations
hydrodynamics
ocean waves
surface waves (fluid)
DEU Flüssigkeitswelle

liquid-liquid transformations
BT phase transformations
PT phase transformations
RT critical mixtures
DEU Flüssig-Flüssig-Transformation
DSY Flüssig-Flüssig-Umwandlung

liquid-solid transformations
USE solid-liquid transformations

liquid-vapor transformations
USE liquid-vapour transformations

liquid-vapour transformations
BT phase transformations
NT boiling
condensation
evaporation
liquefaction
SY *liquid-vapor transformations*
vapor-liquid transformations
vapour-liquid transformations
PT phase transformations
DEU Flüssig-Dampf-Transformation
DSY Flüssig-Dampf-Umwandlung

liquids
BT fluids
NT dielectric liquids
liquid alloys
liquid crystals
liquid films
liquid helium
liquid metals
liquid mixtures
liquid semiconductors
liquid structure
liquid theory
water
RT drops
liquid lasers
solutions
DEU Flüssigkeit

Liquordruckmessung
DUS für pressure measurement

Lisa computers
USE Apple computers

LISP
BT functional languages
PT list processing
RT LISP listings
list processing
Scheme
DEU LISP (Programmiersprache)

LISP (Programmiersprache)
DEU for LISP

LISP listings
BT complete computer programs
PT complete computer programs
RT LISP
DEU LISP-Programm

LISP-Programm
DEU for LISP listings

list processing
BT data handling
SY *list processing languages*
RT LISP
DEU Listenverarbeitung

list processing languages
USE list processing

Listenverarbeitung
DEU for list processing

listings
USE complete computer programs

Literatur
DEU for literature

literature
BT humanities
SY *poetry*
RT dictionaries
encyclopaedias
DEU Literatur
DSY Schriftgut

literature reviews
USE reviews

lithium
BT alkali metals
SY *Li (chemical element)*
RT lithium alloys
lithium compounds
DEU Lithium

lithium alloys
BT alkali metal alloys
PT lithium compounds
RT lithium
lithium compounds
DEU Lithiumlegierung

lithium compounds
BT alkali metal compounds
RT lithium
lithium alloys
DEU Lithiumverbindung

lithium stars
USE giant stars

lithium-ion batteries
USE secondary cells

Lithiumlegierung
DEU for lithium alloys

Lithiumverbindung
DEU for lithium compounds

Lithium
DEU for lithium

Lithografie
DEU for lithography

Lithographie
DUS für lithography

lithography
NT electron beam lithography
ion beam lithography
nanolithography
photolithography
proximity effect (lithography)
soft lithography
stereolithography
PT integrated circuit technology
printed circuits
semiconductor technology
RT integrated circuit measurement
integrated circuit technology
nanotechnology
printed circuits
resists
semiconductor technology
DEU Lithografie
DSY Lithographie

lithosphere
USE Earth crust
\+ Earth mantle

liver
BT biological organs
RT physiology
DEU Leber

livermorium
BT transactinides
SY *element 116*
Lv (chemical element)
ununhexium
Uuh (chemical element)
DEU Livermorium

Livermorium
DEU for livermorium

livestock
USE farming

living systems
BT biology
RT artificial life
biocybernetics
brain models
ecology
extraterrestrial life
physiological models
DEU lebendes System

Ljapunov-Matrix-Gleichung
DEU for Lyapunov matrix equations

Ljapunov-Methode
DEU for Lyapunov methods

Lkw
DUS für automobiles

Lkw-Technik
DUS für automotive engineering

LMC
USE Large Magellanic Cloud

LME
USE liquid metal embrittlement

LMFBR (nuclear)
USE liquid metal fast breeder reactors

LMI
USE linear matrix inequalities

LMIS
USE liquid metal ion sources

LMS methods
USE least mean squares methods

LMTO method
USE linear muffin-tin orbital method

LNA
USE low noise amplifiers

LNDO
USE NDO calculations

LNG technology
USE natural gas technology

load (electric)
NT load flow
load forecasting
load management
power station load
SY *electric load*
RT load dispatching
load distribution
load regulation
load shedding
DEU Laden (elektrisch)
DSY Ladung (elektrisch)

load balancing (computers)
USE resource allocation

load control
USE load regulation

load dispatching
BT dispatching
NT power generation dispatch
RT demand side management
electric variables control
load (electric)
load forecasting
load management
load shedding
power generation scheduling
power systems
DEU Lastplanung

load distribution
BT load management
RT demand side management
load (electric)
load flow control
load forecasting
load shedding
DEU Lastverteilung

load flow
BT load (electric)
NT load flow control
SY *power flow*
PT load (electric)
RT demand side management
distribution networks
load management
transmission network calculations
transmission networks
DEU Lastfluss

load flow control
BT load flow
load regulation
SY *power flow control*
PT load flow
load regulation
RT load distribution
load management
power distribution control
power generation control
power system control
power transmission control
DEU Lastflusssteuerung

load forecasting
BT load (electric)
SY *electricity demand forecasting*
load prediction
PT load (electric)
RT load dispatching
load distribution
power station load
power system simulation
DEU Lastvorhersage

load management
BT energy management systems
load (electric)
NT demand side management
load distribution
load regulation
PT load distribution
load regulation
RT battery storage plants
load dispatching
load flow
load flow control
load shedding
power consumption
power generation scheduling
power system control
power systems

SCADA systems
DEU Lastmanagement

load prediction
USE load forecasting

load regulation
BT load management
regulation
NT load flow control
SY *load control*
RT demand side management
load (electric)
power control
power distribution control
power generation control
power system control
power system interconnection
power systems
power transmission control
DEU Lastregelung
DSY Laststeuerung
Lastüberwachung

load shedding
BT power system management
RT demand side management
load (electric)
load dispatching
load distribution
load management
DEU Lastabwurf

loading
BT materials handling
NT loading equipment
RT containerisation
filling
fork lift trucks
freight handling
unloading
DEU Laden (Logistik)

loading equipment
BT loading
materials handling equipment
DEU Verladeanlage
DSY Verladeeinrichtung

local area networks
BT computer networks
NT controller area networks
optical fibre LAN
wireless LAN
workstation clusters
SY *Ethernet*
UF *High Performance Parallel Interface / local area networks + network interfaces + protocols*
UF *HIPPI / local area networks + network interfaces + protocols*
SY *LAN*
UF *manufacturing automation protocol / factory automation + industrial control + local area networks + protocols*
UF *MAP / factory automation + industrial control + local area networks + protocols*
SY *system area networks*
UF *technical office protocol / local area networks + office automation + protocols*
UF *TOP / local area networks + office automation + protocols*
PT communication networks
computer networks
RT broadband networks
carrier sense multiple access
client-server systems
cyclic reservation multiple access
data communication
FDDI
field buses
file servers
group decision support systems
groupware
home networks
internetworking
intranets
LAN interconnection
metropolitan area networks
network analysers
network operating systems
networked control systems
on-board communications
storage area networks
token networks
virtual private networks
wide area networks
DEU lokales Netz

local authorities
USE local government
\+ public administration

local density approximation
USE density functional theory

local government
BT government
UF *local authorities / local government + public administration*
RT government policies
public administration

DEU lokale Regierung
DSY örtliche Regierung

Local Group
USE clusters of galaxies

local moments
BT dilute magnetic materials
magnetic moments
PT local moments in dilute systems
DEU lokaler Impuls
DSY lokales Moment

local moments in dilute alloys
DEU örtliches Moment in verdünnter Legierung

local networks
USE telecommunication networks

local spin density approximation
USE density functional theory

localised electron states
USE localised states

localised modes
BT lattice dynamics
vibrational modes
UF *defect vibrational modes / localised modes + phonon-impurity interactions*
UF *impurity vibrational modes / localised modes + phonon-impurity interactions*
SY *lattice localised modes*
localized modes
PT lattice localised modes
RT anharmonic lattice modes
defect absorption spectra
impurities
impurity absorption spectra
phonon-defect interactions
phonon-exciton interactions
phonon-impurity interactions
phonons
DEU lokalisierte Modus

localised states
BT energy states
NT Anderson model
charge-ordered states
core levels
deep levels
defect states
electron traps
hole traps
impurity states
weak localisation
Wigner crystal
SY *electron states, localised*
localised electron states
localized states
Mott insulator
PT localised electron states
RT charge transfer states
cluster approximation
electronic density of states
electronic structure
DEU lokalisierter Zustand

localized modes
USE localised modes

localized states
USE localised states

location awareness
USE mobile computing
\+ mobility management (mobile radio)

Loch-Mobilität
DUS für hole mobility

Lochbandeinheit
DEU for punched tape equipment

Lochdichte
DUS für hole density

Lochhaftstelle
DUS für hole traps

Lochkarteneinheit
DEU for punched card equipment

Lochmobilität
DUS für hole mobility

lock-in transition
USE commensurate-incommensurate transformations

locks
USE keys (locking)

locomotives
BT railway rolling stock
NT diesel-electric locomotives
electric locomotives
RT axles
rail traffic
railways
steam engines
traction

DEU Lokomotive

LOCOS
USE oxidation

Löcherbeweglichkeit
DUS für hole mobility

Löcherdichte
DUS für hole density

Löschkoeffizient
DUS für extinction coefficients

Lösemittel
DEU for solvents (industrial)

Lösen
DUS für dissolving

Löslichkeit
DEU for solubility

loess
USE soil

Lösung (chemisch)
DEU for solutions

Lösungsglühen
DEU for solution annealing

Lösungsmittel
DUS für solvents (industrial)

Lösungsmittelwirkung
DEU for solvent effects

Lösungswärme
DEU for heat of solution

Lötausrüstung
DEU for soldering equipment

Lötausstattung
DUS für brazing equipment

Lötbrüchigkeit
DEU for liquid metal embrittlement

Löten
DEU for soldering

Löten
DUS für brazing

Lötmaschine
DUS für soldering equipment

Lötmittel
DEU for solders

Lötverfahren
DUS für brazing

Lötvorrichtung
DUS für brazing equipment

log normal distribution
BT statistical distributions
RT random processes
statistical analysis
statistics
DEU Log-Normalverteilung
DSY logarithmische Normalverteilung

log periodic antennas
BT antenna arrays
PT antenna arrays
RT antennas
dipole antenna arrays
directive antennas
periodic structures
DEU logarithmisch-periodische Antenne

log spiral antennas
USE spiral antennas

log-in procedures
USE computer operating procedures

Log-Normalverteilung
DEU for log normal distribution

logarithmisch-periodische Antenne
DEU for log periodic antennas

logarithmische Normalverteilung
DUS für log normal distribution

loggers
USE data loggers
\+ recorders

logging (computer operation)
USE system monitoring

logging (recording)
USE recording

logic
NT asynchronous sequential logic
carry logic
current-mode logic

diode-transistor logic
direct coupled FET logic
formal logic
integrated injection logic
logic analysers
logic design
logic devices
logic programming
logic programming languages
logic simulation
logic testing
magnetic logic
optical logic
transistor-transistor logic
RT fluidics
DEU Logik

logic analysers
BT display instrumentation
logic
SY *logic analyzers*
UF *signature analysers / logic analysers* + *signal processing equipment*
PT display instrumentation
logic testing
RT automatic test equipment
computer testing
logic testing
DEU Logikanalysator

logic analyzers
USE logic analysers

logic arrays
BT arrays
integrated logic circuits
NT programmable logic arrays
SY *gate arrays*
logic cell arrays
UF *macrocells / cellular arrays* + *integrated logic circuits* + *logic arrays*
SY *ocean-of-gates*
sea-of-gates
ULA
uncommitted logic arrays
PT cellular arrays
RT application specific integrated circuits
cellular arrays
direct coupled FET logic
logic design
logic devices
PLD programming
programmable logic devices
PROM
DEU Logik-Array

logic CAD
BT CAD
electronic engineering computing
logic design
NT high level synthesis
SY *computer-aided logic design*
PT computer-aided logic design
RT automatic test pattern generation
electronic design automation
fault simulation
finite state machines
hardware description languages
hardware-software codesign
integrated circuit layout
logic partitioning
logic simulation
DEU Logik-CAD
DSY logischer rechnerunterstützter Entwurf

logic cell arrays
USE logic arrays

logic circuit elements
USE logic devices

logic circuits
BT logic devices
pulse circuits
switching circuits
NT asynchronous circuits
combinational circuits
integrated logic circuits
multivalued logic circuits
NAND circuits
NOR circuits
sequential circuits
superconducting logic circuits
UF *intellectual property blocks / logic circuits* + *microprocessor chips*
UF *intellectual property cores / logic circuits* + *microprocessor chips*
UF *IP blocks / logic circuits* + *microprocessor chips*
UF *IP cores / logic circuits* + *microprocessor chips*
RT adders
asynchronous sequential logic
carry logic
computers
diode-transistor logic
flip-flops
fluidics
integrated injection logic
logic design
magnetic logic
majority logic
probabilistic logic

shift registers
switching theory
ternary logic
threshold logic
transistor-transistor logic
DEU Logikschaltkreis
DSY Logikschaltung

logic design
BT design
logic
NT logic CAD
logic partitioning
SY *truth tables*
RT application specific integrated circuits
asynchronous circuits
binary decision diagrams
carry logic
computer architecture
computers
data flow graphs
decision diagrams
design for testability
digital arithmetic
integrated circuit design
logic arrays
logic circuits
logic devices
logic testing
minimisation of switching nets
multivalued logic
redundancy
roundoff errors
switching theory
timing
DEU Logikentwurf

logic device programming
USE PLD programming

logic devices
BT logic
NT logic circuits
logic gates
programmable logic devices
threshold elements
SY *logic circuit elements*
RT fluidics
logic arrays
logic design
optical logic
DEU Logik-Anordnung
DSY Logik-Bauelement
Logik-Baustein
Logik-Gerät

logic gates
BT logic devices
NT quantum gates
SY *AND gates*
inverters (logic)
invertors (logic)
NAND gates
NOR gates
NOT gates
OR gates
RT fluidics
optical logic
DEU Logik-Tor
DSY Logiktor

logic minimisation
USE minimisation of switching nets

logic partitioning
BT logic design
PT logic CAD
logic design
RT circuit layout CAD
high level synthesis
logic CAD
DEU Logikpartitionierung
DSY Logikunterteilung

logic programming
BT logic
programming
NT constraint handling
inductive logic programming
SY *answer set programming*
rule based programming
PT programming
RT artificial intelligence
deductive databases
fifth generation systems
formal logic
Horn clauses
knowledge representation
logic programming languages
partial evaluation (compilers)
programming theory
PROLOG
temporal logic
DEU Logikprogrammierung

logic programming languages
BT high level languages
logic
NT DATALOG
PROLOG
PT high level languages
logic programming
RT logic programming
DEU Logikprogrammiersprachen

logic simulation
BT electronic engineering computing
logic
simulation
PT circuit analysis computing
logic CAD
RT circuit simulation
digital simulation
logic CAD
DEU Logik-Simulation

logic testing
BT logic
testing
UF *signature analysis / logic testing + signal processing*
UF *stuck-at faults / fault diagnosis + logic testing*
UF *stuck-open faults / fault diagnosis + logic testing*
PT testing
RT automatic test pattern generation
binary decision diagrams
boundary scan testing
built-in self test
circuit testing
design for testability
fault simulation
finite state machines
logic analysers
logic design
DEU Logikprüfung

logic, formal
USE formal logic

Logik
DEU for logic

Logik-Anordnung
DEU for logic devices

Logik-Array
DEU for logic arrays

Logik-Bauelement
DUS für logic devices

Logik-Baustein
DUS für logic devices

Logik-CAD
DEU for logic CAD

Logik-CMOS-Schaltkreis
DUS für CMOS logic circuits

Logik-CMOS-Schaltung
DUS für CMOS logic circuits

Logik-Gerät
DUS für logic devices

Logik-MOS-Schaltkreis
DEU for MOS logic circuits

Logik-MOS-Schaltung
DUS für MOS logic circuits

Logik-Simulation
DEU for logic simulation

Logik-Tor
DEU for logic gates

Logikanalysator
DEU for logic analysers

Logikentwurf
DEU for logic design

Logikpartitionierung
DEU for logic partitioning

Logikprogrammiersprachen
DEU for logic programming languages

Logikprogrammierung
DEU for logic programming

Logikprüfung
DEU for logic testing

Logikschaltkreis
DEU for logic circuits

Logikschaltung
DUS für logic circuits

Logiktor
DUS für logic gates

Logikunterteilung
DUS für logic partitioning

logischer rechnerunterstützter Entwurf
DUS für logic CAD

logistics
BT production management
NT facility location
reverse logistics
stock control
supply chains
SY *physical distribution management*

RT logistics data processing
procurement
DEU Logistik

logistics data processing
BT administrative data processing
military computing
PT administrative data processing
RT logistics
management science
supply chain management
DEU Logistikdatenverarbeitung
DSY logistische Datenverarbeitung

Logistik
DEU for logistics

Logistikdatenverarbeitung
DEU for logistics data processing

logistische Datenverarbeitung
DUS für logistics data processing

LOGO
BT high level languages
PT high level languages
RT computer science education
educational computing
LOGO listings
DEU LOGO (Programmiersprache)

LOGO (Programmiersprache)
DEU for LOGO

LOGO listings
BT complete computer programs
PT complete computer programs
RT LOGO
DEU LOGO-Programm

LOGO-Programm
DEU for LOGO listings

lokale Regierung
DEU for local government

lokaler Impuls
DEU for local moments

lokales Drahtlosnetzwerk
DEU for wireless LAN

lokales Moment
DUS für local moments

lokales Netz
DEU for local area networks

lokales Netz auf Faseroptikbasis
DEU for optical fibre LAN

Lokales-Netzverbindung
DUS für LAN interconnection

lokalisierte Modus
DEU for localised modes

lokalisierter Zustand
DEU for localised states

Lokomotive
DEU for locomotives

long tailed pair
USE differential amplifiers

Long Term Evolution
BT mobile radio
SY *LTE (mobile radio)*
PT mobile communication
RT 3G mobile communication
4G mobile communication
cellular radio
frequency division multiple access
MIMO communication
OFDM modulation
telecommunication standards
DEU langfristige Entwicklung
DSY Langzeitentwicklung

long-period variables
USE giant stars
\+ variable stars

long-range order
BT liquid structure
magnetic structure
solid structure
SY *order, long-range*
RT order-disorder transformations
short-range order
DEU Fernordnung

lookup tables
USE table lookup

loop antennas
BT antennas
SY *annular antennas*
PT antennas
DEU Rahmenantenne

loop Cepheids
USE variable stars

loops (programming)
USE program control structures

Loran C
USE radionavigation

Lorentz invariance
RT Lorentz transformation
Poincare invariance
space-time configurations
special relativity
DEU Lorentz-Invarianz

Lorentz transformation
BT special relativity
PT special relativity
RT Dirac equation
Lorentz invariance
Poincare invariance
DEU Lorentz-Transformation

Lorentz-Invarianz
DEU for Lorentz invariance

Lorentz-Transformation
DEU for Lorentz transformation

Lorenz number
BT thermal conductivity
NT Wiedemann-Franz law
PT electrical conductivity of solid metals and alloys
thermal conductivity of solids
RT electrical conductivity
DEU Lorenz-Zahl

Lorenz-Zahl
DEU for Lorenz number

lose Bindung (chemisch)
DEU for dangling bonds

Losgröße
DEU for lot sizing

Losgrößenbemessung
DUS für lot sizing

loss angle
USE dielectric losses

loss measurement
BT measurement
NT dielectric loss measurement
optical loss measurement
RT attenuation measurement
losses
DEU Verlustmessung

loss tangent, dielectric
USE dielectric losses

loss-angle measurement
USE dielectric loss measurement

losses
NT dielectric losses
eddy current losses
heat losses
magnetic leakage
optical losses
RT absorbing media
attenuation measurement
cores
loss measurement
DEU Verlust

lossy media
USE absorbing media

lost foam casting
BT casting
PT casting
RT foams
polymer foams
DEU Gießen mit verlorener Form

lot sizing
BT production control
PT production control
stock control
RT materials requirements planning
stock control
DEU Losgröße
DSY Losgrößenbemessung

LOTOS
USE specification languages

loudness
PT acoustic intensity measurement
hearing
RT acoustic intensity
acoustic intensity measurement
acoustic noise
acoustics
hearing
DEU Lautstärke

loudspeakers
BT acoustic generators
acoustoelectric transducers
audio equipment

RT acoustic distortion
acoustic radiators
audio signals
hearing aids
Hi-Fi equipment
sound reproduction
DEU Lautsprecher
DSY Lautsprechersystem

Love waves
BT elastic waves
PT elastic waves
seismic waves
RT seismic waves
DEU Love-Welle

Love-Welle
DEU for Love waves

low density parity check codes
USE parity check codes

low energy electron diffraction
BT electron diffraction
SY *LEED*
PT electron diffraction
RT surface structure
DEU Beugung von Elektronen geringer Energie
DSY Beugung von Elektronen geringer Energie (LEED)
Diffraktion von Elektronen geringer Energie
Diffraktion von Elektronen geringer Energie (LEED)
LEED (Beugung von Elektronen geringer Energie)
LEED (Diffraktion von Elektronen geringer Energie)
LEED (Low Energy Electron Diffraction)
Niedrigenergieelektronenbeugung
Niedrigenergieelektronendiffraktion

low gravity experiments
USE zero gravity experiments

low level languages
USE machine oriented languages

low noise amplifiers
BT amplifiers
SY *LNA*
PT amplifiers
RT microwave amplifiers
millimetre wave amplifiers
radio receivers
radiofrequency amplifiers
UHF amplifiers
DEU rauscharmer Verstärker

low-harmonic pulsating CP2 stars
USE chemically peculiar stars
\+ magnetic stars
\+ variable stars

low-k dielectric thin films
BT dielectric thin films
PT dielectric thin films
RT insulating thin films
integrated circuit interconnections
integrated circuit metallisation
permittivity
DEU Low-K-Dielektrikum

Low-K-Dielektrikum
DEU for low-k dielectric thin films

low-pass filters
BT filters
PT filters
RT Butterworth filters
Chebyshev filters
defected ground structures
elliptic filters
DEU Tiefpass

low-power electronics
BT electronic engineering
SY *low-voltage integrated circuits*
RT charge pump circuits
energy harvesting
green computing
integrated circuit design
power aware computing
power consumption
telecommunication power management
VLSI
DEU Energiesparelektronik
DSY Niedrigenergieelektronik

low-temperature co-fired ceramic packaging
USE ceramic packaging

low-temperature cofired ceramics
USE ceramics

low-temperature electronics
USE cryogenic electronics

low-temperature phenomena
BT low-temperature techniques
DEU Niedrigtemperaturphänomen

low-temperature physics
USE cryogenics
DEU Tieftemperaturphysik

low-temperature production
BT cryogenics
RT cooling
Joule-Thomson effect
low-temperature techniques
refrigeration
DEU Niedrigtemperaturproduktion

low-temperature techniques
BT cryogenics
NT cryostats
low-temperature phenomena
RT cryogenic electronics
low-temperature production
refrigeration
sample holders
DEU Niedertemperaturtechnik
DSY Niedertemperaturtechnologie
Niedertemperaturverfahren

low-voltage integrated circuits
USE low-power electronics

lower hybrid waves
USE plasma hybrid waves

LPC
USE linear predictive coding

LPC (Linear Predictive Coding)
DUS für linear predictive coding

LPC-Verfahren
DUS für linear predictive coding

LPCVD
USE chemical vapour deposition

LPE
USE liquid phase epitaxial growth

LPG
USE petroleum

LQ control
USE linear quadratic control

LQG control
USE linear quadratic Gaussian control

LQG-Regelung
DUS für linear quadratic Gaussian control

Lr (chemical element)
USE lawrencium
DEU Lr (chemisches Element)

Lr (chemisches Element)
DEU for Lr (chemical element)

LS coupling
USE Russell-Saunders coupling

LSA
USE limited space charge accumulation

LSGO calculations
USE GO calculations

LSI
USE large scale integration

LTCC packaging
USE ceramic packaging

LTE (mobile radio)
USE Long Term Evolution

Lu (chemical element)
USE lutetium
DEU Lu (chemisches Element)

Lu (chemisches Element)
DEU for Lu (chemical element)

lubricants
BT production materials
NT greases
lubricating oils
UF *cutting fluids / coolants* + *cutting* + *lubricants*
PT lubrication
RT lubrication
DEU Schmierstoff

lubricating oils
BT lubricants
oils
UF *oil filters / filtration* + *lubricating oils*
SY *oiling (lubrication)*
PT lubrication
RT greases
hydraulic fluids
DEU Schmieröl

lubrication
BT tribology
RT friction
lubricants

machine bearings
seizure
sizing (materials processing)
stick-slip
stiction
wear
DEU Schmierung

Luders bands
BT plastic deformation
SY *deformation lines*
Hartmann lines
PT dislocations
plastic deformation
RT plastic flow
DEU Lüders-Band

Lüders-Band
DEU for Luders bands

Lüftung
DUS für ventilation

Luft
DEU for air

Luft- und Raumfahrt
DEU for aerospace

Luft- und Raumfahrt-Antrieb
DEU for aerospace propulsion

Luft- und Raumfahrt-Computeranwendung
DUS für aerospace computing

Luft- und Raumfahrt-Expertensystem
DEU for aerospace expert systems

Luft- und Raumfahrt-Industrie
DEU for aerospace industry

Luft- und Raumfahrt-Instrumentation
DEU for aerospace instrumentation

Luft- und Raumfahrt-Komponenten
DEU for aerospace components

Luft- und Raumfahrt-Kontrolle
DEU for aerospace control

Luft- und Raumfahrt-Material
DEU for aerospace materials

Luft- und Raumfahrt-Motor
DEU for aerospace engines

Luft- und Raumfahrt-Rechneranwendung
DUS für aerospace computing

Luft- und Raumfahrt-Regelung
DUS für aerospace control

Luft- und Raumfahrt-Robotik
DEU for aerospace robotics

Luft- und Raumfahrt-Simulation
DEU for aerospace simulation

Luft- und Raumfahrt-Steuerung
DUS für aerospace control

Luft- und Raumfahrt-Test
DEU for aerospace testing

Luft- und Raumfahrt-Werkstoff
DUS für aerospace materials

Luftabscheidung
DUS für deaeration

Luftbeschaffenheit
DEU for air quality

Luftdruck
DUS für pressure

Luftdruckmessgerät
DUS für barometers

Luftdruckmessung
DUS für pressure measurement

Luftdynamik
DEU for pneumodynamics

Luftentzug
DUS für deaeration

Lufterneuerung
DUS für ventilation

Luftfahrtbiophysik
DEU for aerospace biophysics

Luftfahrtelektronik
DUS für avionics

Luftfahrtnavigation
DUS für aircraft navigation

Luftfahrttestanlage
DEU for aerospace test facilities

Luftfahrttesteinrichtung
DUS für aerospace test facilities

Luftfahrtunfall
DUS für aerospace accidents

Luftfahrtunfall
DEU for air accidents

Luftfahrzeug
DUS für aircraft

Luftfahrzeugbau
DUS für aircraft manufacture

Luftfahrzeugkomponente
DUS für aerospace components

Luftfeuchte
DEU for atmospheric humidity

Luftfeuchte
DUS für humidity

Luftfeuchtigkeit
DUS für humidity

Luftfilter
DEU for air cleaners

Luftgüte
DUS für air quality

Luftisolation
DEU for air insulation

Luftisolierung
DUS für air insulation

Luftkissenfahrzeug
DEU for hovercraft

Luftqualität
DUS für air quality

Luftraumbiophysik
DUS für aerospace biophysics

Luftschadstoffmessung
DEU for air pollution measurement

Luftschall
DUS für atmospheric acoustics

Luftschiff
DEU for airships

Luftschraube
DUS für propellers

Luftspalt
DEU for air gaps

Luftspeicher (Konstantdruck)
DUS für pressure

Luftstoß-Leistungsschalter
DEU for air blast circuit breakers

Luftverkehr
DEU for air traffic

Luftverkehrssteuerung
DUS für air traffic control

Luftverschmutzung
DEU for air pollution

Luftverschmutzungskontrolle
DEU for air pollution control

Luftverschmutzungsmessung
DUS für air pollution measurement

Luftverunreinigung
DUS für air pollution

Luftverunreinigungskontrolle
DUS für air pollution control

Luftverunreinigungsmessung
DUS für air pollution measurement

Lufverschmutzungstüberwachung
DUS für air pollution control

luminance
USE brightness

luminescence
BT emission
spectra (general)
NT cathodoluminescence
chemiluminescence
electroluminescence
fluorescence
ionoluminescence
phosphorescence
photoluminescence
radiation quenching
sonoluminescence
thermoluminescence

triboluminescence
SY *emission spectra*
Stokes law (optical)
RT afterglows
electron-hole drops
electron-hole recombination
fluorescent screens
Franck-Condon factors
luminescent devices
phosphors
radiative lifetimes
spectroscopy
superradiance
two-dimensional spectra
DEU Lumineszenz

luminescence quenching
USE radiation quenching

luminescent devices
BT light emitting devices
NT electroluminescent devices
fluorescent screens
scintillation counters
thermoluminescent dosimeters
RT luminescence
phosphors
DEU Lumineszenzgerät

Lumineszenz
DEU for luminescence

Lumineszenzdiode
DEU for light emitting diodes

Lumineszenzgerät
DEU for luminescent devices

luminophors
USE phosphors

luminous flux measurement
USE photometry

lumped parameter networks
BT networks (circuits)
RT circuit theory
linear network analysis
linear network synthesis
nonlinear network analysis
nonlinear network synthesis
RLC circuits
DEU Haufenparameternetzwerk
DSY Klumpenparameternetzwerk
Parameterhaufennetzwerk
Parameterklumpennetzwerk

lunar atmosphere
USE Moon
\+ planetary atmospheres

lunar craters
USE lunar surface

lunar crust
USE lunar interior

lunar eclipses
USE eclipses

lunar interior
BT Moon
SY *lunar crust*
lunar seismology
lunar structure
Moon structure
moonquakes
PT Moon
DEU Mond-Inneres

lunar laser ranging
USE astronomical techniques
\+ laser ranging
\+ Moon

lunar minerals
USE lunar rocks
\+ minerals

lunar rocks
BT Moon
planetary rocks
UF *lunar minerals / lunar rocks + minerals*
UF *lunar soil / lunar rocks + lunar surface*
SY *selenology*
UF *soil (lunar) / lunar rocks + lunar surface*
PT lunar rocks and minerals
RT lunar surface
minerals
rocks
DEU Mond-Gestein

lunar rocks and minerals
USE minerals

lunar seismology
USE lunar interior

lunar soil
USE lunar rocks
\+ lunar surface

lunar structure
USE lunar interior

lunar surface
BT Moon
planetary surfaces
SY *lunar craters*
UF *lunar soil / lunar rocks + lunar surface*
SY *Moon surface*
UF *soil (lunar) / lunar rocks + lunar surface*
PT Moon
RT lunar rocks
DEU Mond-Oberfläche

lung
BT biological organs
RT physiology
pneumodynamics
DEU Lunge

Lunge
DEU for lung

lutecium
USE lutetium

lutetium
BT rare earth metals
SY *Lu (chemical element)*
lutecium
RT lutetium alloys
lutetium compounds
DEU Lutetium

lutetium alloys
BT rare earth alloys
PT rare earth alloys
RT lutetium
lutetium compounds
DEU Lutetiumlegierung

lutetium compounds
BT rare earth compounds
RT lutetium
lutetium alloys
DEU Lutetiumverbindung

Lutetiumlegierung
DEU for lutetium alloys

Lutetiumverbindung
DEU for lutetium compounds

Lutetium
DEU for lutetium

Luttinger liquid
BT fermion systems
PT electron gas
RT electron gas
high-temperature superconductors
Hubbard model
DEU Luttinger-Flüssigkeit

Luttinger-Flüssigkeit
DEU for Luttinger liquid

LUV stars
USE binary stars
\+ ultraviolet sources (astronomical)

Lv (chemical element)
USE livermorium
DEU Lv (chemisches Element)

Lv (chemisches Element)
DEU for Lv (chemical element)

Lw (chemical element)
USE lawrencium
DEU Lw (chemisches Element)

Lw (chemisches Element)
DEU for Lw (chemical element)

LWR (nuclear)
USE light water reactors

Lyapunov matrix equations
BT Lyapunov methods
matrix algebra
PT Lyapunov methods
matrix algebra
DEU Ljapunov-Matrix-Gleichung
DSY Lyapunov-Matrix-Gleichung

Lyapunov methods
NT Lyapunov matrix equations
RT nonlinear differential equations
stability
DEU Ljapunov-Methode
DSY Lyapunov-Methode

Lyapunov-Matrix-Gleichung
DUS für Lyapunov matrix equations

Lyapunov-Methode
DUS für Lyapunov methods

lymphocytes
USE blood
\+ cellular biophysics

lyotropic liquid crystals
BT liquid crystals
PT liquid crystals
RT solutions
surfactants
DEU lyotropisches Flüssigkristall

lyotropisches Flüssigkristall
DEU for lyotropic liquid crystals

lysozyme
USE enzymes

M language
USE MUMPS

M listings
USE MUMPS listings

M-center lasers
USE colour centre lasers

M-centers
USE M-centres

M-centre lasers
USE colour centre lasers

M-centres
BT F-centres
SY *F2-centers*
F2-centres
M-centers
PT colour centres
RT colour centre lasers
DEU M-Zentrum

m-commerce
USE mobile commerce

M-regions
USE solar corona

m-sequences
BT binary sequences
PT binary sequences
RT binary codes
correlation methods
shift registers
spread spectrum communication
DEU m-Sequenz

m-Sequenz
DEU for m-sequences

M-Theorie
DEU for M-theory

M-theory
SY *matrix model*
PT extended objects
membrane theory
string theory
RT extended objects
membrane theory
string theory
superstrings
unified gauge models
DEU M-Theorie

M-type tubes
USE microwave tubes

M-Zentrum
DEU for M-centres

M²CMOS
USE CMOS integrated circuits

MAC protocols
USE access protocols

MAC system
USE television standards

Mach number
BT fluid mechanics
RT acoustic wave velocity
hypersonic flow
shock waves
subsonic flow
supersonic flow
transonic flow
DEU Mach-Zahl

Mach principle
USE cosmology
\+ space-time configurations

Mach-Zahl
DEU for Mach number

Mach-Zehnder interferometers
BT light interferometers
PT light interferometers
RT fibre optic sensors
DEU Mach-Zehnder-Interferometer

Mach-Zehnder-Interferometer
DEU for Mach-Zehnder interferometers

machinability
BT mechanical properties
PT machining
RT hardness
machining
workability
DEU maschnelle Bearbeitbarkeit
DSY Spanbarkeit

machine bearings
BT machine components
NT ball bearings
rolling bearings
SY *bearings (machine)*
UF *spindle bearings / machine bearings + machine tool spindles*
RT AC generators
AC machines
AC motors
asynchronous generators
asynchronous machines
bushings
electric machines
engines
lubrication
machine tool spindles
magnetic bearings
supports
tribology
DEU Lager (Maschinenelement)

machine code listings
BT complete computer programs
PT assembly language listings
complete computer programs
RT assembly language listings
machine oriented languages
DEU Maschinencode-Programm

machine components
BT machinery
mechanical products
NT air cleaners
belts
cams (mechanical)
crankcases
engine cylinders
exciters
exhaust systems
fuel systems
impellers
intake systems (machines)
machine bearings
machine windings
manifolds
pistons
power transmission (mechanical)
rotors (mechanical)
shafts
splines (mechanical components)
universal joints
valves
RT couplings
engines
gears
mountings
shims
turbomachinery
wheels
DEU Maschinenkomponente
DSY Maschinenteil

machine control
NT machine vector control
sensorless machine control
SY *electric generator control*
electric machine control
electric motor control
RT computerised control
electric drives
electric generators
electric machines
electric motors
electric variables control
machine theory
stability
synchronisation
velocity control
DEU Maschinensteuerung

machine insulation
BT insulation
RT AC generators
AC machines
AC motors
asynchronous generators
asynchronous machines
electric machines
insulation testing
machine testing
partial discharge measurement
DEU Maschinenislation
DSY Maschinenisolierung

machine intelligence
USE artificial intelligence

machine language generation
USE program compilers

machine learning
USE learning (artificial intelligence)

machine oriented languages
BT programming languages
NT assembly language
instruction sets
SY *low level languages*
RT machine code listings
DEU maschinenorientierte Programmiersprache

machine protection
BT protection
NT motor protection
SY *generator protection*
PT protection
RT electric generators
electric machines
electric motors
machine windings
power system protection
rotors
stators
DEU Maschinenschutz

machine shops
BT production facilities
PT machine tools
machining
RT machine tools
machining
DEU Maschinengeschäft

machine testing
BT testing
SY *electric machine testing*
RT AC generators
AC machines
AC motors
asynchronous generators
asynchronous machines
condition monitoring
electric machines
machine insulation
DEU Maschinenprüfung

machine theory
SY *electric machine theory*
RT AC generators
AC machines
AC motors
asynchronous generators
asynchronous machines
electric machines
machine control
machine vector control
sensorless machine control
DEU Maschinentheorie

machine tool spindles
BT machine tools
UF *spindle bearings / machine bearings + machine tool spindles*
PT machine tools
RT computerised numerical control
machine bearings
rotors (mechanical)
shafts
splines (mechanical components)
DEU Werkzeugmaschinenspindel

machine tools
BT production equipment
tools
NT boring machines
dies (machine tools)
drilling machines
gear cutting machines
grinding machines
hammers (machines)
lathes
machine tool spindles
metalworking machines
milling machines
planing machines
presses
sawing machines
threading machines
woodworking machines
RT bending machines
clamps
compressed air systems
coordinate measuring machines
cutting
cutting tools
finishing machines
fixtures
gears
grinding
machine shops
machining
machining chatter
manufacturing industries
manufacturing processes
mechanical guides
numerical control
polishing machines
rapid tooling
turning (machining)
DEU Werkzeugmaschine

machine translation
USE language translation

machine vector control
BT machine control
SY *field oriented control*
PT machine control
RT computerised control
electric drives
electric machines
machine theory
magnetic flux
magnetic variables control
stability
velocity control
DEU Maschinenvektorregelung

machine vision
USE computer vision

machine windings
BT machine components
windings
NT rotors
stators
RT AC generators
AC machines
AC motors
asynchronous generators
asynchronous machines
electric machines
machine protection
DEU Maschinenwindung
DSY Wicklung

machinery
NT agricultural machinery
coin operated equipment
compressed air systems
compressors
electric machines
fans
gears
lawnmowers
machine components
printing machinery
rollers (machinery)
shredding machines
textile machinery
turbomachinery
washing machines
RT crushers
machinery production industries
materials handling equipment
production equipment
DEU Ausrüstung
DSY Maschine
Maschinenanlage
Maschinenausstattung
Maschinenpark
Maschinerie
Mechanismus

machinery production industries
BT manufacturing industries
RT machinery
DEU Maschinenbauindustrie
DSY Werkzeugmaschinenindustrie

machines, electric
USE electric machines

machining
BT manufacturing processes
NT bending
bending machines
boring
broaching
drilling
electrical discharge machining
electrochemical machining
electron beam machining
lapping (machining)
laser beam machining
machining chatter
micromachining
milling
planing
sawing
tapping (machining)
threading (machining)
turning (machining)
ultrasonic machining
virtual machining
SY *hobbing*
reaming
RT arc cutting
burnishing
clamps
computerised numerical control
cutting
deburring
finishing
grinding
machinability
machine shops
machine tools
optical fabrication
DEU maschinelles Bearbeiten

machining chatter
BT machining
PT machine tools
machining
RT boring machines
cutting tools
machine tools
milling machines
stick-slip
vibration control

DEU Rattergeräusch

Macintosh computers
USE Apple computers

macro generating programs
USE macros

macrocells
USE cellular arrays
\+ integrated logic circuits
\+ logic arrays

macroeconomics
BT economics
NT privatisation
PT economic cybernetics
RT balance of payments
economic cybernetics
international trade
public finance
DEU Makroökonomie

macromolecular configurations
USE macromolecules
\+ molecular configurations

macromolecular dynamics
USE intramolecular mechanics
\+ macromolecules

macromolecules
BT molecules
NT DNA
RNA
UF *biological macromolecules / macromolecules + molecular biophysics*
UF *macromolecular configurations / macromolecules + molecular configurations*
UF *macromolecular dynamics / intramolecular mechanics + macromolecules*
SY *nucleic acids*
RT colloids
gels
organic compounds
polymers
proteins
DEU Makromolekül

macros
BT computer software
SY *macro generating programs*
RT complete computer programs
subroutines
DEU Makro (Programmierung)

Macsyma
USE mathematics computing
\+ symbol manipulation

Madelung constant
USE lattice energy

Magallansche Wolke
DEU for Magellanic Clouds

magamps
USE magnetic amplifiers

Magellanic Clouds
BT galaxies
NT Large Magellanic Cloud
Small Magellanic Cloud
UF *peculiar A supergiants / Magellanic Clouds + supergiant stars*
PT galaxies
DEU Magallansche Wolke

magentisches Mikrowellengerät
DEU for magnetic microwave devices

Magentotail (Magnetfeldausläufer)
DEU for magnetotail

Maggi-Righi-Leduc effect
USE thermomagnetic effects

magic angle spinning
BT nuclear magnetic resonance
UF *MAS / magic angle spinning + multi-agent systems*
PT nuclear magnetic resonance
RT chemical shift
NMR spectroscopy
DEU Magic-Angle-Spinning
DSY Magic-Angle-Spinning (MAS)
MAS (Magic-Angle-Spinning)

Magic-Angle-Spinning
DEU for magic angle spinning

Magic-Angle-Spinning (MAS)
DUS für magic angle spinning

Maglev
USE magnetic levitation

magma
BT volcanology
PT volcanology
RT Earth crust
Earth mantle
petrology

rocks
terrestrial heat
DEU Magma (Geologie)

Magma (Geologie)
DEU for magma

magnesium
BT alkaline earth metals
SY *Mg (chemical element)*
RT magnesium alloys
magnesium compounds
DEU Magnesium

magnesium alloys
BT alkaline earth alloys
PT magnesium compounds
RT magnesium
magnesium compounds
DEU Magnesiumlegierung

magnesium compounds
BT alkaline earth compounds
RT magnesium
magnesium alloys
DEU Magnesiumverbindung

Magnesiumlegierung
DEU for magnesium alloys

Magnesiumverbindung
DEU for magnesium compounds

Magnesium
DEU for magnesium

Magnet
DEU for magnets

Magnet für Beschleuniger
DUS für accelerator magnets

Magnetaktuator
DEU for magnetic actuators

Magnetaufzeichnungsrauschen
DEU for magnetic recording noise

Magnetband
DEU for magnetic tapes

Magnetbandgerät
DEU for magnetic tape equipment

Magnetbandspeicher
DEU for magnetic tape storage

Magnetbereich
DEU for magnetic domains

Magnetblase
DEU for magnetic bubbles

Magnetblasenbauelement
DEU for magnetic bubble devices

Magnetblasengerät
DUS für magnetic bubble devices

Magnetblasenspeicher
DEU for magnetic bubble memories

Magnetdomäne
DUS für magnetic domains

Magnetdomainenwand
DEU for magnetic domain walls

Magnetdoppelresonanz
DEU for magnetic double resonance

Magnetdünnschicht
DEU for magnetic thin films

Magnetdünnschichtgerät
DEU for magnetic thin film devices

Magnetenzephalografie
DEU for magnetoencephalography

Magnetenzephalographie
DUS für magnetoencephalography

Magnetfalle
DEU for magnetic traps

Magnetfeld
DEU for magnetic fields

Magnetfeldintegralgleichung
DEU for magnetic field integral equations

Magnetfeldmessung
DEU for magnetic field measurement

Magnetflussverankerung
DUS für flux pinning

Magnetglühen
DEU for magnetic annealing

Magnetgrößenregelung
DEU for magnetic variables control

Magnetgrößensteuerung
DUS für magnetic variables control

magnetic abrasion finishing
USE abrasion
\+ surface finishing

magnetic actuators
BT actuators
magnetic devices
UF *magnetostrictive actuators / magnetic actuators + magnetostrictive devices*
PT electromagnetic actuators
magnetic devices
RT magnetostriction
magnetostrictive devices
microactuators
DEU Magnetaktuator
DSY magnetischer Aktuator
magnetisches Stellglied
Magnetstellglied

magnetic aftereffect
BT magnetisation
SY *magnetic disaccommodation*
magnetic viscosity
PT magnetisation
DEU magnetische Nachwirkung

magnetic amplifiers
BT amplifiers
magnetic devices
SY *magamps*
RT cores
magnetic cores
power amplifiers
saturable core reactors
DEU magnetischer Verstärker
DSY Transduktorverstärker

magnetic anisotropy
BT magnetisation
NT induced anisotropy (magnetic)
perpendicular magnetic anisotropy
SY *anisotropy, magnetic*
magnetocrystalline anisotropy
RT anisotropic media
micromagnetics
DEU magnetische Anisotropie

magnetic annealing
BT annealing
thermomagnetic treatment
SY *annealing, magnetic*
PT annealing
RT induced anisotropy (magnetic)
DEU Magnetglühen

magnetic bays
USE geomagnetic variations

magnetic bearings
BT magnetic devices
PT machine bearings
magnetic devices
RT machine bearings
magnetic levitation
DEU Magnetlager

magnetic birefringence
USE magneto-optical effects

magnetic bottles
USE magnetic traps

magnetic breakdown
BT energy states
magnetism
DEU elektromagnetischer Zusammenbruch

magnetic bubble devices
BT magnetic devices
NT magnetic bubble memories
PT magnetic bubbles
magnetic thin film devices
RT magnetic bubbles
magnetic film stores
magnetic thin film devices
DEU Magnetblasenbauelement
DSY Magnetblasengerät

magnetic bubble memories
BT magnetic bubble devices
magnetic storage
SY *bubble memories, magnetic*
PT magnetic bubble devices
magnetic film stores
RT Bloch line memories
magnetic bubbles
magnetic film stores
magnetic thin film devices
DEU Magnetblasenspeicher

magnetic bubbles
BT magnetic domains
PT magnetic domains
RT magnetic bubble devices
magnetic bubble memories
DEU Magnetblase
DSY magnetische Blase

magnetic circuits
BT networks (circuits)
NT transformer magnetic circuits
RT coils

cores
ferroresonant circuits
magnetic cores
magnetic fields
magnetic flux
magnets
saturable core reactors
transformers
windings
DEU magnetischer Kreis

magnetic circular dichroism
BT circular dichroism
magneto-optical effects
SY *MCD*
PT dichroism
magneto-optical effects
RT spectra (general)
DEU Magnetkreisdichroismus

magnetic cloaks
USE invisibility cloaks

magnetic clutches
USE clutches

magnetic confinement (plasma)
USE plasma confinement

magnetic cooling
BT cooling
magnetocaloric effects
SY *adiabatic demagnetisation*
demagnetisation, adiabatic
demagnetization, adiabatic
magnetic refrigeration
RT cryogenics
refrigeration
DEU magnetische Kühlung
DSY Magnetkühlung

magnetic core stores
BT magnetic storage
SY *core stores (magnetic)*
RT magnetic cores
DEU Magnetkernspeicher

magnetic cores
BT cores
NT powder cores
transformer cores
SY *transfluxors*
RT ferrite devices
laminations
magnetic amplifiers
magnetic circuits
magnetic core stores
magnetic materials
magnets
Permalloy
saturable core reactors
transformers
DEU Magnetkern

magnetic devices
NT ferrite devices
magnetic actuators
magnetic amplifiers
magnetic bearings
magnetic bubble devices
magnetic lenses
magnetic microwave devices
magnetic millimetre wave devices
magnetic storage
magnetic thin film devices
magneto-optical devices
magnetoresistive devices
magnetostatic wave devices
magnetostrictive devices
RT clutches
electromagnetic actuators
electromagnetic devices
DEU magnetisches Gerät

magnetic dipoles
USE magnetic moments

magnetic disaccommodation
USE magnetic aftereffect

magnetic disc storage
BT disc storage
magnetic storage
NT floppy discs
hard discs
SY *DASD*
direct access storage devices
PT magnetic storage systems
RT magneto-optical recording
DEU Magnetspeicherdiskette

magnetic domain walls
BT magnetic domains
walls
SY *Bloch walls*
PT domain walls
magnetic domains
RT Bloch line memories
magnetisation reversal
DEU Magnetdomainenwand
DSY Wand einer Magnetdomäne

magnetic domains
BT domains
magnetisation
NT magnetic bubbles

magnetic domain walls
SY *Bitter patterns*
RT magnetic force microscopy
micromagnetics
DEU Magnetbereich
DSY Magnetdomäne
magnetische Domäne
magnetischer Bereich

magnetic double refraction
USE magneto-optical effects

magnetic double resonance
BT magnetic resonance
NT CIDEP
double nuclear magnetic resonance
dynamic nuclear polarisation
ELDOR
ENDOR (electron nuclear double resonance)
microwave-optical double resonance
UF *DQRLC / energy level crossing + magnetic double resonance + nuclear quadrupole resonance*
UF *infrared-radiofrequency double resonance / magnetic double resonance + optical double resonance*
SY *microwave-radiofrequency double resonance*
UF *optical detection of magnetic resonance (radiofrequency) / magnetic double resonance + optical double resonance*
SY *radiofrequency-microwave double resonance*
UF *radiofrequency-optical double resonance / magnetic double resonance + optical double resonance*
PT magnetic resonance
RT nuclear polarisation
DEU Magnetdoppelresonanz
DSY magnetische Doppelresonanz

magnetic drum storage
USE magnetic storage

magnetic epitaxial layers
BT epitaxial layers
magnetic thin films
PT magnetic thin films
RT interface magnetism
magnetic multilayers
DEU magnetische Epitaxialschicht

magnetic field effects
NT de Haas-van Alphen effect
galvanomagnetic effects
magnetic levitation
magnetic separation
magneto-optical effects
magnetoacoustic effects
magnetocaloric effects
magnetoelectric effects
magnetohydrodynamics
magnetomechanical effects
Scott effect
Senftleben-Beenakker effect
thermal magnetoresistance
thermomagnetic treatment
RT biological effects of fields
biomagnetism
magnetic fields
particle optics
superconductivity
DEU magnetischer Feldeffekt

magnetic field integral equations
BT integral equations
SY *MFIE*
PT integral equations
RT antenna theory
electromagnetic field theory
electromagnetic wave scattering
magnetic fields
method of moments
DEU Magnetfeldintegralgleichung

magnetic field measurement
BT field strength measurement
magnetic variables measurement
NT magnetometry
SY *field measurement, magnetic*
UF *magnetic field sensors / magnetic field measurement + magnetic sensors*
RT field plotting
fluxgate magnetometers
fluxmeters
inductive sensors
magnetic fields
magnetic sensors
magnetometers
DEU Magnetfeldmessung
DSY Messung des magnetischen Feldes

magnetic field sensors
USE magnetic field measurement
\+ magnetic sensors

magnetic field variations, Earth
USE geomagnetic variations

magnetic fields
BT magnetism
NT astrophysical magnetic fields
superconducting critical field
SY *fields, magnetic*
magnetostatic fields
RT demagnetisation
electromagnetic fields
electromagnetic waves
electromagnetism
field strength measurement
magnetic circuits
magnetic field effects
magnetic field integral equations
magnetic field measurement
magnetic flux
magnetic forces
magnetic lenses
magnetic levitation
magnetic mirrors
magnetisation
magnetostatics
magnets
pinch effect
plasma confinement
plasma production
DEU Magnetfeld

magnetic film stores
BT magnetic storage
magnetic thin film devices
SY *magnetic thin film stores*
RT Bloch line memories
magnetic bubble devices
magnetic bubble memories
magnetic thin films
magneto-optical recording
DEU Magnetschichtspeicher

magnetic films
USE magnetic thin films

magnetic fluids
BT colloids
magnetic materials
SY *ferrofluids*
UF *ferrohydrodynamics /*
hydrodynamics + magnetic fluids
SY *magnetic inks*
magnetic liquids
magnetic suspensions
PT colloids
magnetic materials
RT magnetic particles
magnetorheology
DEU magnetische Flüssigkeit

magnetic flux
BT magnetism
SY *flux (magnetic)*
magnetic lines of force
RT electric machines
flux creep
flux flow
flux pinning
flux-line lattice
fluxmeters
machine vector control
magnetic circuits
magnetic fields
magnetic forces
skin effect
DEU magnetischer Fluss

magnetic flux compression generators
USE pulse generators
\+ pulsed power supplies

magnetic flux jumping
USE Meissner effect

magnetic force microscopy
BT scanning probe microscopy
SY *MFM*
PT atomic force microscopy
RT atomic force microscopy
electron microscopy
magnetic domains
scanning tunnelling microscopy
surface magnetism
DEU Magnetkraftmikroskopie

magnetic forces
BT electromagnetic forces
magnetism
NT coercive force
PT electromagnetic forces
electromagnetic induction
RT electromagnetic induction
magnetic fields
magnetic flux
magnetic levitation
DEU Magnetkraft

magnetic frustration
USE frustration

magnetic heads
BT magnetic storage
SY *magnetic read/write heads*
PT magnetic recording
RT magnetic recording
magnetic tape equipment
magnetoresistive devices

spin valves
stiction
tape recorders
DEU Magnetkopf

magnetic hysteresis
BT hysteresis
magnetisation
SY *squareness (magnetism)*
PT hysteresis
RT coercive force
magnetic permeability
DEU magnetische Hysterese

magnetic impurities
BT dilute magnetic materials
impurities
NT klystrons
PT magnetic impurity interactions
DEU magnetische Verunreinigung

magnetic impurity interactions
DEU magnetische Verunreinigungswechselwirkung

magnetic induction
USE electromagnetic induction

magnetic inks
USE magnetic fluids

magnetic interface phenomena
USE interface magnetism

magnetic leakage
BT losses
magnetism
SY *leakage, magnetic*
UF *magnetic losses / eddy current losses + magnetic leakage*
RT eddy current losses
magnetic shielding
DEU magnetischer Verlust
DSY magnetisches Leck
Magnetverlust

magnetic lenses
BT lenses
magnetic devices
SY *electromagnetic lenses*
particle lenses, magnetic
UF *quadrupole lenses / electron lenses + electrostatic lenses + magnetic lenses*
SY *superconducting lenses*
RT cathode-ray tubes
electron beams
electron gas
electron optics
focusing
ion beams
magnetic fields
magnetic mirrors
particle optics
plasma guns
DEU magnetische Linse

magnetic levitation
BT magnetic field effects
SY *levitation, magnetic*
Maglev
PT magnetic field effects
RT electric propulsion
electromagnets
linear induction motors
linear synchronous motors
magnetic bearings
magnetic fields
magnetic forces
permanent magnets
railways
superconducting magnets
transportation
DEU magnetisches Schweben

magnetic lines of force
USE magnetic flux

magnetic liquids
USE magnetic fluids

magnetic logic
BT logic
RT logic circuits
magnetoelectronics
DEU magnetische Logik
DSY Magnetlogik

magnetic losses
USE eddy current losses
\+ magnetic leakage

magnetic materials
BT magnetism
materials
NT amorphous magnetic materials
antiferromagnetic materials
diamagnetic materials
dilute magnetic materials
ferrimagnetic materials
ferromagnetic materials
magnetic fluids
magnetic multilayers
magnetic particles
magnetic semiconductors
magnetic superconductors

magnetic thin films
paramagnetic materials
soft magnetic materials
spin glasses
RT electromagnetism
magnetic cores
materials properties
molecular magnetism
permanent magnets
DEU magnetischer Werkstoff

magnetic memories
USE magnetic storage

magnetic microwave devices
BT magnetic devices
microwave devices
RT ferrite devices
magnetic millimetre wave devices
magnetostatic wave devices
microstrip components
waveguide components
DEU magentisches Mikrowellengerät

magnetic millimetre wave devices
BT magnetic devices
millimetre wave devices
SY *MM-wave magnetic devices*
RT ferrite devices
magnetic microwave devices
magnetostatic wave devices
microstrip components
waveguide components
DEU magnetisches Millimeterwellengerät

magnetic mirrors
BT magnetic traps
SY *mirrors, magnetic*
tandem mirrors
PT plasma confinement
RT magnetic fields
magnetic lenses
DEU magnetischer Spiegel

magnetic moments
BT magnetism
NT elementary particle magnetic moment
local moments
nuclear magnetic moment
SY *dipole moments, magnetic*
magnetic dipoles
moments (magnetic)
RT atomic moments
electron spin
magnetic resonance
magnetisation
molecular moments
DEU magnetisches Moment

magnetic monopoles
BT hypothetical particles
magnetism
NT dyons
SY *monopoles (magnetic)*
PT elementary particles
RT gauge field theory
unified field theories
DEU magnetisches Monopol

magnetic multilayers
BT interface magnetism
magnetic materials
multilayers
SY *magnetic superlattices*
multilayers, magnetic
PT magnetic epitaxial layers
magnetic thin films
RT giant magnetoresistance
magnetic epitaxial layers
magnetic thin films
magnetic tunnelling
metallic superlattices
quantum wells
spin valves
superlattices
DEU magnetische Mehrfachschicht

magnetic noise
BT magnetism
noise
NT magnetic recording noise
SY *noise, magnetic*
RT Barkhausen effect
DEU magnetisches Rauschen

magnetic particles
BT magnetic materials
SY *magnetic powders*
magnetic properties of fine particles
particles, magnetic
particulate magnetic media
powders, magnetic
PT magnetic properties of fine particles
RT magnetic fluids
nanomagnetics
nanoparticles
superparamagnetism
DEU magnetisches Partikel
DSY magnetisches Teilchen
Magnetpartikel
Magnetteilchen

magnetic permeability
BT magnetism
SY *permeability (magnetic)*
PT magnetic properties of substances
RT magnetic hysteresis
magnetic permeability measurement
DEU magnetische Durchlässigkeit

magnetic permeability measurement
BT magnetic variables measurement
SY *permeability measurement (magnetic)*
RT magnetic permeability
DEU Messen der magnetischen Permeabilität
DSY Permeabilitätsmessung (magnetisch)

magnetic phase diagrams
USE magnetic transitions

magnetic phase transitions
USE magnetic transitions

magnetic pinch
USE pinch effect

magnetic polarons
BT magnetism
polarons
SY *ferrons*
polarons, magnetic
PT polarons
RT bipolarons
magnetic semiconductors
semimagnetic semiconductors
DEU magnetisches Polaron

magnetic powders
USE magnetic particles

magnetic properties of amorphous substances
USE amorphous magnetic materials

magnetic properties of dilute systems
USE dilute magnetic materials

magnetic properties of fine particles
USE magnetic particles

magnetic properties of substances
DEU magnetische Eigenschaften von Substanzen

magnetic RAM
USE MRAM devices

magnetic read/write heads
USE magnetic heads

magnetic reconnection
RT astrophysical magnetic fields
astrophysical plasma
magnetosphere
magnetotail
planetary atmospheres
plasma magnetohydrodynamics
solar corona
solar flares
solar magnetism
solar wind
DEU magnetische Rekonnexion

magnetic recording noise
BT magnetic noise
magnetic recording
DEU Magnetaufzeichnungsrauschen

magnetic recording
BT recording
NT digital magnetic recording
magnetic recording noise
perpendicular magnetic recording
thermomagnetic recording
PT recording
RT data recording
magnetic heads
magnetic tapes
partial response channels
stiction
tape recorders
DEU magnetische Aufzeichnung

magnetic refrigeration
USE magnetic cooling

magnetic relaxation
BT relaxation
NT ferromagnetic relaxation
spin-lattice relaxation
spin-spin relaxation
RT magnetic resonance
DEU magnetische Entspannung

magnetic resonance
BT resonance
NT acoustic magnetic resonance
antiferromagnetic resonance
atomic beam magnetic resonance
ferrimagnetic resonance
ferromagnetic resonance
laser magnetic resonance

magnetic double resonance
molecular beam magnetic resonance
nuclear magnetic resonance
paramagnetic resonance
RT electromagnetic wave absorption
gyromagnetic effect
gyromagnetic ratio
magnetic moments
magnetic relaxation
magnetic resonance spectrometers
magnetic resonance spectroscopy
DEU magnetische Resonanz

magnetic resonance imaging
BT imaging
NT biomedical MRI
EPR imaging
NMR imaging
SY *MRI*
PT magnetic resonance spectroscopy
magnetic resonance
RT magnetic resonance spectroscopy
DEU Kernspintomographie
DSY Magnetresonanzbilderzeugung
Magnetresonanzbildgebung

magnetic resonance imaging (biomedical)
USE biomedical MRI

magnetic resonance spectrometers
BT spectrometers
NT EPR spectrometers
NMR spectrometers
RT magnetic resonance
magnetic resonance spectroscopy
DEU Kernresonanz-Spektrometer
DSY Kernresonanzspektrometer
Magnetresonanz-Spektrometer
Magnetresonanzspektrometer

magnetic resonance spectroscopy
BT spectroscopy
NT EPR spectroscopy
NMR spectroscopy
SY *CIMP*
PT magnetic resonance spectroscopy
RT magnetic resonance
magnetic resonance imaging
magnetic resonance spectrometers
two-dimensional spectroscopy
DEU Kernresonanz-Spektrokopie
DSY Kernresonanzspektrometer
Kernresonanzspektrometrie
Kernresonanzspektroskopie
Magnetresonanz-Spektrokopie
Magnetresonanzspektrokopie

magnetic screening
USE magnetic shielding

magnetic semiconductors
BT magnetic materials
semiconductor materials
semiconductors
NT semimagnetic semiconductors
PT magnetic materials
semiconductor materials
semiconductors
RT antiferromagnetic materials
ferrimagnetic materials
ferromagnetic materials
magnetic polarons
metal-insulator transition
spin disorder resistivity
DEU magnetischer Halbleiter

magnetic sensors
BT sensors
NT magneto-optical sensors
UF *magnetic field sensors / magnetic field measurement* + *magnetic sensors*
RT electric sensing devices
fibre optic sensors
inductive sensors
magnetic field measurement
magnetic variables measurement
magnetoelectronics
magnetometers
magnetoresistive devices
SQUID magnetometers
thin film sensors
DEU magnetischer Sensor

magnetic separation
BT magnetic field effects
separation
SY *HGMS*
PT magnetic field effects
separation
DEU magnetische Abscheidung

magnetic shielding
BT electromagnetic shielding
magnetism
SY *magnetic screening*
shielding, magnetic
RT magnetic leakage
DEU magnetische Abschirmung

magnetic shielding, nuclear
USE nuclear screening

magnetic stars
BT stars
UF *alpha CVn stars / chemically peculiar stars + magnetic stars + variable stars*
UF *Ap stars / chemically peculiar stars + magnetic stars*
UF *Bp stars / chemically peculiar stars + magnetic stars*
UF *chromium stars / chemically peculiar stars + magnetic stars*
UF *CP2 stars / chemically peculiar stars + magnetic stars*
UF *europium stars / chemically peculiar stars + magnetic stars*
UF *helium strong stars / chemically peculiar stars + magnetic stars*
UF *helium variable stars / chemically peculiar stars + magnetic stars*
UF *helium weak stars / chemically peculiar stars + magnetic stars*
UF *intermediate helium stars / chemically peculiar stars + magnetic stars*
UF *low-harmonic pulsating CP2 stars / chemically peculiar stars + magnetic stars + variable stars*
UF *oblique pulsators / magnetic stars + variable stars*
UF *oblique rotators / magnetic stars + variable stars*
UF *peculiar A stars / chemically peculiar stars + magnetic stars*
UF *rapidly oscillating Ap stars / chemically peculiar stars + magnetic stars + variable stars*
UF *silicon (4200) stars / chemically peculiar stars + magnetic stars*
UF *spectrum variables / chemically peculiar stars + magnetic stars*
UF *strontium stars / chemically peculiar stars + magnetic stars*
UF *SX Ari stars / chemically peculiar stars + magnetic stars + variable stars*
PT stars
RT chemically peculiar stars
DEU magnetischer Stern
DSY Magnetstern

magnetic storage
BT digital storage
magnetic devices
NT Bloch line memories
magnetic bubble memories
magnetic core stores
magnetic disc storage
magnetic film stores
magnetic heads
magnetic tape storage
MRAM devices
SY *magnetic drum storage*
magnetic memories
PT magnetic storage devices
magnetic storage systems
RT magnetoelectronics
DEU Magnetspeicher

magnetic storage devices
DEU Magnetspeicherbauelement
DSY Magnetspeichereinheit
Magnetspeichergerät

magnetic storage systems
DEU Magnetspeichersystem

magnetic storms
BT geomagnetism
SY *geomagnetic storms*
UF *ionospheric storms / ionospheric disturbances + magnetic storms*
SY *SC (sudden commencement)*
storms, magnetic
substorms
sudden commencement
RT ionospheric disturbances
magnetosphere
magnetotail
DEU Magnetsturm

magnetic structure
BT magnetism
NT canted spin arrangements
long-range order
short-range order
SY *spin arrangements*
PT magnetic properties of substances
RT frustration
spin systems
DEU magnetische Struktur

magnetic superconductors
BT magnetic materials
superconducting materials
SY *coexistent superconductors*
reentrant superconductors
PT antiferromagnetism
ferromagnetism
superconducting materials
superconductivity
RT antiferromagnetic materials
ferromagnetic materials
type II superconductors

DEU magnetischer Supraleiter

magnetic superlattices
USE magnetic multilayers

magnetic surface phenomena
USE surface magnetism

magnetic susceptibility
BT magnetism
NT photomagnetic effect
UF *Curie-Weiss law / magnetic susceptibility + paramagnetism*
SY *susceptibility, magnetic*
PT magnetic properties of substances
RT de Haas-van Alphen effect
Dingle temperature
frustration
DEU magnetische Suszeptibilität

magnetic suspensions
USE magnetic fluids

magnetic switching
BT magnetism
switching
RT MRAM devices
DEU magnetisches Schalten

magnetic tape equipment
BT audio equipment
RT magnetic heads
magnetic tape storage
magnetic tapes
DEU Magnetbandgerät

magnetic tape recorders
USE tape recorders

magnetic tape storage
BT magnetic storage
RT magnetic tape equipment
magnetic tapes
storage media
DEU Magnetbandspeicher

magnetic tapes
BT storage media
PT magnetic tape equipment
magnetic tape storage
RT magnetic recording
magnetic tape equipment
magnetic tape storage
Permalloy
DEU Magnetband

magnetic thin film devices
BT magnetic devices
thin film devices
NT magnetic film stores
RT magnetic bubble devices
magnetic bubble memories
magnetic thin films
magnetoresistive devices
DEU Magnetdünnschichtgerät

magnetic thin film stores
USE magnetic film stores

magnetic thin films
BT magnetic materials
thin films
NT magnetic epitaxial layers
SY *magnetic films*
RT giant magnetoresistance
interface magnetism
magnetic film stores
magnetic multilayers
magnetic thin film devices
micromagnetics
DEU Magnetdünnschicht
DSY magnetische dünne Schicht

magnetic transition temperature
BT magnetic transitions
temperature
NT Curie temperature
Morin temperature
Neel temperature
PT magnetic transitions of substances
DEU magnetische Übergangstemperatur

magnetic transitions
BT magnetism
phase transformations
NT ferromagnetic-antiferromagnetic transitions
ferromagnetic-paramagnetic transitions
magnetic transition temperature
paramagnetic-antiferromagnetic transitions
SY *critical phenomena, magnetic*
magnetic phase diagrams
magnetic phase transitions
phase diagrams, magnetic
PT magnetic transitions of substances
RT critical fluctuations
critical phenomena
frustration
Kosterlitz-Thouless transition

spin-Peierls transition
DEU magnetischer Übergang
DSY Magnetübergang

magnetic transitions of substances
DEU magnetischer Übergang von Substanzen

magnetic traps
BT magnetism
plasma confinement
NT magnetic mirrors
SY *bottles, magnetic*
ELMO Bumpy Torus
magnetic bottles
magnetic wells
traps, magnetic
PT plasma confinement
RT particle traps
DEU Magnetfalle

magnetic tunnel junctions
USE magnetic tunnelling

magnetic tunneling
USE magnetic tunnelling

magnetic tunnelling
BT tunnelling
NT tunnelling magnetoresistance
SY *magnetic tunnel junctions*
magnetic tunneling
spin-dependent tunnelling
PT tunnelling
RT colossal magnetoresistance
giant magnetoresistance
interface magnetism
magnetic multilayers
magnetoelectronics
MRAM devices
spin dynamics
spin polarised transport
DEU magnetischer Tunnel
DSY magnetisches Tunneln
Magnettunnel

magnetic variables control
BT control of specific variables
RT machine vector control
magnetic variables measurement
magnetism
DEU Magnetgrößenregelung
DSY Magnetgrößensteuerung
Magnetvariablenregelung
Magnetvariablensteuerung
Regelung magnetischer Größen
Regelung magnetischer Variablen
Steuerung magnetischer Größen
Steuerung magnetischer Variablen

magnetic variables measurement
BT measurement
NT magnetic field measurement
magnetic permeability measurement
RT compasses
fluxmeters
magnetic sensors
magnetic variables control
magnetism
magnetometers
DEU Messen magnetischer Größen

magnetic viscosity
USE magnetic aftereffect

magnetic wells
USE magnetic traps

magnetisation
BT magnetism
NT Barkhausen effect
coercive force
Einstein-de Haas effect
magnetic aftereffect
magnetic anisotropy
magnetic domains
magnetic hysteresis
magnetisation reversal
remanence
spontaneous magnetisation
UF *Barnett effect / gyromagnetic effect + magnetisation*
SY *magnetization*
RT demagnetisation
Landau levels
magnetic fields
magnetic moments
magnetostatic waves
magnets
magnons
micromagnetics
spin waves
DEU Magnetisierung (allgemein)

magnetisation process
DEU Magnetisierung
DSY Magnetisierungprozess
Magnetisierungsverfahren

magnetisation reversal
BT magnetisation
SY *magnetization reversal*
PT magnetisation
RT magnetic domain walls
micromagnetics
DEU Ummagnetisierung

magnetisation state
DEU Magnetisierungsstatus
DSY Magnetisierungszustand

magnetische Abscheidung
DEU for magnetic separation

magnetische Abschirmung
DEU for magnetic shielding

magnetische Anisotropie
DEU for magnetic anisotropy

magnetische Aufzeichnung
DEU for magnetic recording

magnetische Blase
DUS für magnetic bubbles

magnetische Domäne
DUS für magnetic domains

magnetische Doppelresonanz
DUS für magnetic double resonance

magnetische dünne Schicht
DUS für magnetic thin films

magnetische Durchlässigkeit
DEU for magnetic permeability

magnetische Eigenschaften von Substanzen
DEU for magnetic properties of substances

magnetische Energieübertragung
DUS für inductive power transmission

magnetische Entspannung
DEU for magnetic relaxation

magnetische Epitaxialschicht
DEU for magnetic epitaxial layers

magnetische Flüssigkeit
DEU for magnetic fluids

magnetische Hysterese
DEU for magnetic hysteresis

magnetische Kernresonanz
DEU for nuclear magnetic resonance

magnetische Kernresonanz in der Medizin
DUS für biomedical NMR

magnetische Kühlung
DEU for magnetic cooling

magnetische Linse
DEU for magnetic lenses

magnetische Logik
DEU for magnetic logic

magnetische Mehrfachschicht
DEU for magnetic multilayers

magnetische Nachwirkung
DEU for magnetic aftereffect

magnetische Rekonnexion
DEU for magnetic reconnection

magnetische Remanenz
DEU for remanence

magnetische Resonanz
DEU for magnetic resonance

magnetische Senkrechtanisotropie
DEU for perpendicular magnetic anisotropy

magnetische Senkrechtaufzeichnung
DEU for perpendicular magnetic recording

magnetische Struktur
DEU for magnetic structure

magnetische Suszeptibilität
DEU for magnetic susceptibility

magnetische Transformatorenschaltung
DEU for transformer magnetic circuits

magnetische Transformatorschaltung
DEU for transformer testing

magnetische Übergangstemperatur
DEU for magnetic transition temperature

magnetische Verunreinigung
DEU for magnetic impurities

magnetische Verunreinigungswechselwirkung
DEU for magnetic impurity interactions

magnetischer Aktuator
DUS für magnetic actuators

magnetischer Bereich
DUS für magnetic domains

magnetischer Feldeffekt
DEU for magnetic field effects

magnetischer Fluss
DEU for magnetic flux

magnetischer Halbleiter
DEU for magnetic semiconductors

magnetischer Kreis
DEU for magnetic circuits

magnetischer Sensor
DEU for magnetic sensors

magnetischer Spiegel
DEU for magnetic mirrors

magnetischer Stern
DEU for magnetic stars

magnetischer Supraleiter
DEU for magnetic superconductors

magnetischer Transformatorenschaltkreis
DUS für transformer magnetic circuits
transformer testing

magnetischer Transformatorschaltkreis
DUS für transformer testing

magnetischer Tunnel
DEU for magnetic tunnelling

magnetischer Übergang
DEU for magnetic transitions

magnetischer Übergang von Substanzen
DEU for magnetic transitions of substances

magnetischer Verlust
DEU for magnetic leakage

magnetischer Verstärker
DEU for magnetic amplifiers

magnetischer Werkstoff
DEU for magnetic materials

magnetisches Bandmodell
DUS für band model of magnetism

magnetisches Gerät
DEU for magnetic devices

magnetisches Leck
DUS für magnetic leakage

magnetisches Millimeterwellengerät
DEU for magnetic millimetre wave devices

magnetisches Moment
DEU for magnetic moments

magnetisches Moment von Elementarpartikeln
DUS für elementary particle magnetic moment

magnetisches Moment von Elementarteilchen
DUS für elementary particle magnetic moment

magnetisches Monopol
DEU for magnetic monopoles

magnetisches Partikel
DEU for magnetic particles

magnetisches Polaron
DEU for magnetic polarons

magnetisches Rauschen
DEU for magnetic noise

magnetisches Schalten
DEU for magnetic switching

magnetisches Schweben
DEU for magnetic levitation

magnetisches Stellglied
DUS für magnetic actuators

magnetisches Teilchen
DUS für magnetic particles

magnetisches Tunneln
DUS für magnetic tunnelling

Magnetisierung
DEU for magnetisation process

Magnetisierung (allgemein)
DEU for magnetisation

Magnetisierungprozess
DUS für magnetisation process

Magnetisierungsstatus
DEU for magnetisation state

Magnetisierungsverfahren
DUS für magnetisation process

Magnetisierungszustand
DUS für magnetisation state

magnetism
NT antiferrimagnetism
antiferromagnetism
band model of magnetism
biomagnetism
demagnetisation
diamagnetism
ferrimagnetism
ferromagnetism
frustration
Heisenberg model
interface magnetism
Ising model
magnetic breakdown
magnetic fields
magnetic flux
magnetic forces
magnetic leakage
magnetic materials
magnetic moments
magnetic monopoles
magnetic noise
magnetic permeability
magnetic polarons
magnetic shielding
magnetic structure
magnetic susceptibility
magnetic switching
magnetic transitions
magnetic traps
magnetisation
magnetostatics
magnetostriction
magnets
magnons
metamagnetism
micromagnetics
mictomagnetism
molecular magnetism
nanomagnetics
nuclear magnetism
paramagnetism
planetary magnetism
rock magnetism
spin density waves
spin dynamics
spin Hamiltonians
spin systems
spin waves
stellar magnetism
superparamagnetism
surface magnetism
weak ferromagnetism
X-Y model
RT electricity
electromagnetism
electron spin polarisation
magnetic variables control
magnetic variables measurement
DEU Magnetismus

Magnetismus
DEU for magnetism

Magnetismusbandmodell
DUS für band model of magnetism

Magnetismusfrequenzmodell
DUS für band model of magnetism

magnetization
USE magnetisation

magnetization reversal
USE magnetisation reversal

Magnetkardiografie
DEU for magnetocardiography

Magnetkardiographie
DUS für magnetocardiography

Magnetkern
DEU for magnetic cores

Magnetkernspeicher
DEU for magnetic core stores

Magnetkopf
DEU for magnetic heads

Magnetkraft
DEU for magnetic forces

Magnetkraftmikroskopie
DEU for magnetic force microscopy

Magnetkreisdichroismus
DEU for magnetic circular dichroism

Magnetkühlung
DUS für magnetic cooling

Magnetlager
DEU for magnetic bearings

Magnetlogik
DUS für magnetic logic

Magneto-Absorption
DEU for magnetoabsorption

magneto-akustische Resonanz
DEU for magnetoacoustic resonance

magneto-akustischer Effekt
DEU for magnetoacoustic effects

Magneto-elastische Welle
DEU for magnetoelastic waves

magneto-elektrischer Effekt
DEU for magnetoelectric effects

Magneto-Elektronik
DEU for magnetoelectronics

magneto-hydrodynamische Welle
DEU for magnetohydrodynamic waves

magneto-mechanischer Effekt
DEU for magnetomechanical effects

magneto-optical devices
BT magnetic devices
NT magneto-optical isolators
magneto-optical modulation
magneto-optical recording
magneto-optical sensors
UF *magnetooptics / magneto-optical devices + magneto-optical effects*
PT magnetic devices
RT magneto-optical effects
DEU magneto-optische Anordnung
DSY magneto-optisches Bauelement
magneto-optisches Gerät

magneto-optical discs
USE magneto-optical recording

magneto-optical effects
BT magnetic field effects
optical properties
NT Faraday effect
Hanle effect
Kerr magneto-optical effect
magnetic circular dichroism
magnetoabsorption
magnetoreflectance
Zeeman effect
SY *Cotton-Mouton effect*
double refraction, magnetic
magnetic birefringence
magnetic double refraction
UF *magnetooptics / magneto-optical devices + magneto-optical effects*
UF *piezo-magneto-optical effects / magneto-optical effects + piezo-optical effects*
SY *Voigt effect*
RT birefringence
electro-optical effects
magneto-optical devices
optical constants
polarisation
DEU magneto-optischer Effekt

magneto-optical isolators
BT magneto-optical devices
optical isolators
PT magneto-optical devices
optical isolators
RT ferrite isolators
DEU magneto-optischer Isolator

magneto-optical Kerr effect
USE Kerr magneto-optical effect

magneto-optical modulation
BT magneto-optical devices
optical modulation
PT magneto-optical devices
optical modulation
DEU magneto-optische Modulation

magneto-optical recording
BT magneto-optical devices
optical storage
thermomagnetic recording
SY *magneto-optical discs*
magneto-optical storage
PT magneto-optical devices
optical disc storage
optical storage
thermomagnetic recording
RT Kerr magneto-optical effect
magnetic disc storage
magnetic film stores
optical disc storage
DEU magnetooptische Aufzeichnung

magneto-optical sensors
BT magnetic sensors
magneto-optical devices
optical sensors
PT magneto-optical devices

RT fibre optic sensors
DEU magnetooptischer Sensor

magneto-optical storage
USE magneto-optical recording

magneto-optische Anordnung
DEU for magneto-optical devices

magneto-optische Modulation
DEU for magneto-optical modulation

magneto-optischer Effekt
DEU for magneto-optical effects

magneto-optischer Isolator
DEU for magneto-optical isolators

magneto-optisches Bauelement
DUS für magneto-optical devices

magneto-optisches Gerät
DUS für magneto-optical devices

magneto-phonon resonance
USE magnetophonon effects

Magneto-Reflektanz
DEU for magnetoreflectance

Magneto-Resistenz
DEU for magnetoresistance

Magneto-Widerstand
DUS für magnetoresistance

magnetoabsorption
BT magneto-optical effects
PT magneto-optical effects
RT modulation spectra
DEU Magneto-Absorption

magnetoacoustic effects
BT acoustic wave effects
magnetic field effects
NT magnetoacoustic resonance
SY *acoustomagnetic effects*
magnetoacoustics
RT magnetomechanical effects
DEU magneto-akustischer Effekt

magnetoacoustic resonance
BT magnetoacoustic effects
resonance
SY *ferroacoustic resonance*
PT magnetoacoustic effects
resonance
DEU magneto-akustische Resonanz

magnetoacoustics
USE magnetoacoustic effects

magnetocaloric effects
BT magnetic field effects
NT magnetic cooling
thermomagnetic recording
SY *magnetothermal effects*
pyromagnetic effects
PT magnetothermal effects
RT thermal properties
thermomagnetic treatment
DEU magnetokalorischer Effekt

magnetocardiography
BT biomagnetism
cardiology
SY *MCG*
PT biomagnetism
cardiology
RT electrocardiography
SQUID magnetometry
DEU Magnetkardiografie
DSY Magnetkardiographie
Magnetokardiografie
Magnetokardiographie

magnetoconductance
USE magnetoresistance

magnetocrystalline anisotropy
USE magnetic anisotropy

magnetoelastic effects
BT magnetomechanical effects
RT magnetoelastic waves
spin-Peierls transition
DEU magnetoelastischer Effekt

magnetoelastic waves
BT elastic waves
RT magnetoelastic effects
magnetomechanical effects
DEU Magneto-elastische Welle

magnetoelastischer Effekt
DEU for magnetoelastic effects

magnetoelectric effects
BT electric field effects
magnetic field effects
RT electromagnetism
multiferroics
DEU magneto-elektrischer Effekt

magnetoelectronic devices
USE magnetoelectronics

magnetoelectronics
SY *magnetoelectronic devices*
UF *molecular spintronics / magnetoelectronics + molecular electronics + molecular magnetism*
SY *spintronics*
PT electron spin polarisation
RT electron spin polarisation
giant magnetoresistance
magnetic logic
magnetic sensors
magnetic storage
magnetic tunnelling
magnetoresistive devices
MRAM devices
spin Hall effect
spin polarised transport
spin valves
DEU Magneto-Elektronik
DSY Magnetoelektronik

Magnetoelektronik
DUS für magnetoelectronics

magnetoencephalography
BT biomagnetism
brain
SY *MEG*
PT biomagnetism
brain
RT electroencephalography
SQUID magnetometry
DEU Magnetenzephalografie
DSY Magnetenzephalographie
Magnetoenzephalografie
Magnetoenzephalographie

Magnetoenzephalografie
DUS für magnetoencephalography

Magnetoenzephalographie
DUS für magnetoencephalography

magnetogasdynamics
USE magnetohydrodynamics

magnetographs
USE magnetometers

magnetohydrodynamic conversion
BT direct energy conversion
RT magnetohydrodynamic convertors
magnetohydrodynamic power plants
magnetohydrodynamics
plasma applications
DEU magnetohydrodynamische Energieumwandlung
DSY MHD-Energieumwandlung

magnetohydrodynamic converters
USE magnetohydrodynamic convertors

magnetohydrodynamic convertors
BT convertors
direct energy conversion
electric generators
SY *magnetohydrodynamic converters*
magnetohydrodynamic generators
MHD converters
MHD convertors
MHD generators
RT magnetohydrodynamic conversion
magnetohydrodynamic power plants
magnetohydrodynamics
plasma devices
DEU magnetohydrodynamischer Konverter
DSY MHD-Konverter

magnetohydrodynamic generators
USE magnetohydrodynamic convertors

magnetohydrodynamic power plants
BT power plants
SY *MHD power plants*
PT magnetohydrodynamic convertors
power plants
RT magnetohydrodynamic conversion
magnetohydrodynamic convertors
magnetohydrodynamics
DEU magnetohydrodynamisches Kraftwerk
DSY MHD-Kraftwerk

magnetohydrodynamic waves
BT waves
NT plasma magnetohydrodynamic waves
UF *Alfven waves / magnetohydrodynamic waves + solid-state plasma*
SY *hydromagnetic waves*
PT magnetohydrodynamics
RT magnetohydrodynamics
DEU magneto-hydrodynamische Welle
DSY MHD-Welle

magnetohydrodynamics
BT hydrodynamics
magnetic field effects
NT plasma magnetohydrodynamics
SY *hydromagnetics*
magnetogasdynamics
UF *magnetoviscosity / magnetohydrodynamics + viscosity*
SY *MHD*
RT electrohydrodynamics
magnetohydrodynamic conversion
magnetohydrodynamic convertors
magnetohydrodynamic power plants
magnetohydrodynamic waves
magnetorheology
DEU Magnetohydrodynamik

Magnetohydrodynamik
DEU for magnetohydrodynamics

magnetohydrodynamische Energieumwandlung
DEU for magnetohydrodynamic conversion

magnetohydrodynamische Plasmawelle
DEU for plasma magnetohydrodynamic waves

magnetohydrodynamischer Konverter
DEU for magnetohydrodynamic convertors

magnetohydrodynamisches Kraftwerk
DEU for magnetohydrodynamic power plants

magnetokalorischer Effekt
DEU for magnetocaloric effects

Magnetokardiografie
DUS für magnetocardiography

Magnetokardiographie
DUS für magnetocardiography

magnetomechanical effects
BT magnetic field effects
NT magnetoelastic effects
magnetostriction
UF *Invar effect / magnetomechanical effects + thermal expansion*
SY *magnetovolume effects*
piezomagnetic effects
RT deformation
gyromagnetic effect
magnetoacoustic effects
magnetoelastic waves
mechanical properties
stress effects
DEU magneto-mechanischer Effekt

Magnetometer
DEU for magnetometers

magnetometers
BT meters
NT fluxgate magnetometers
SQUID magnetometers
SY *gradiometers (magnetic)*
magnetographs
vibrating sample magnetometers
RT fluxmeters
magnetic field measurement
magnetic sensors
magnetic variables measurement
magnetometry
SQUIDs
DEU Magnetometer

Magnetometrie
DEU for magnetometry

magnetometry
BT magnetic field measurement
NT SQUID magnetometry
PT magnetic field measurement
RT magnetometers
DEU Magnetometrie

magnetooptics
USE magneto-optical devices
\+ magneto-optical effects

magnetooptische Aufzeichnung
DEU for magneto-optical recording

magnetooptischer Sensor
DEU for magneto-optical sensors

magnetopause
BT magnetosphere
PT magnetosphere
RT magnetotail
solar wind
DEU Magnetopause

Magnetopause
DEU for magnetopause

magnetophonon effects
BT magnetoresistance
phonons
SY *magneto-phonon resonance*
PT magnetoresistance

DEU Magnetophononeneffekt

Magnetophononeneffekt
DEU for magnetophonon effects

magnetophotoconductivity
USE photoelectromagnetic effects

magnetoplasmadynamics
USE plasma magnetohydrodynamics

magnetoptischer Kerr-Effekt
DEU for Kerr magneto-optical effect

magnetoreflectance
BT magneto-optical effects
reflectivity
PT magneto-optical effects
RT modulation spectra
DEU Magneto-Reflektanz
DSY Magnetoreflektanz

Magnetoreflektanz
DUS für magnetoreflectance

magnetoresistance, thermal
USE thermal magnetoresistance

magnetoresistance
BT electrical resistivity
galvanomagnetic effects
NT Corbino effect
enhanced magnetoresistance
magnetophonon effects
Shubnikov-de Haas effect
SY *magnetoconductance*
magnetoresistivity
RT magnetoresistive devices
MRAM devices
spin polarised transport
weak localisation
DEU Magneto-Resistenz
DSY Magneto-Widerstand
Magnetoresistenz
magnetoresistiver Effekt
Magnetowiderstand

Magnetoresistenz
DUS für magnetoresistance

magnetoresistive devices
BT magnetic devices
NT spin valves
UF *magnetoresistors /*
magnetoresistive devices +
resistors
PT magnetoresistance
RT electric sensing devices
magnetic heads
magnetic sensors
magnetic thin film devices
magnetoelectronics
magnetoresistance
magnetostrictive devices
MRAM devices
tunnelling magnetoresistance
DEU magnetoresistives Bauelement

magnetoresistive RAM
USE MRAM devices

magnetoresistiver Effekt
DUS für magnetoresistance

magnetoresistives Bauelement
DEU for magnetoresistive devices

magnetoresistivity
USE magnetoresistance

magnetoresistors
USE magnetoresistive devices
\+ resistors

Magnetorheologie
DEU for magnetorheology

magnetorheology
BT rheology
PT magnetic fluids
rheology
RT electrorheology
intelligent materials
magnetic fluids
magnetohydrodynamics
suspensions
DEU Magnetorheologie

magnetospärische elektromagnetische Wellenausbreitung
DEU for magnetospheric electromagnetic wave propagation

Magnetosphäre
DEU for magnetosphere

magnetosphere
BT upper atmosphere
NT magnetopause
magnetotail
radiation belts
SY *plasmasphere*
ring current
RT atmospheric elementary particle precipitation
atmospheric ion precipitation
geomagnetism

ionosphere
magnetic reconnection
magnetic storms
magnetospheric electromagnetic wave propagation
micropulsations
total electron content (atmosphere)
DEU Magnetosphäre

magnetospheric electromagnetic wave propagation
BT atmospheric electromagnetic wave propagation
plasma electromagnetic wave propagation
PT atmospheric electromagnetic wave propagation
electromagnetic wave propagation in plasma
RT magnetosphere
radiowave propagation
whistlers
DEU magnetospärische elektromagnetische Wellenausbreitung

magnetospheric measuring apparatus
USE atmospheric measuring apparatus

magnetospheric techniques
USE atmospheric techniques

magnetostatic fields
USE magnetic fields

magnetostatic surface waves
BT magnetostatic waves
surface magnetism
PT magnetic surface phenomena
magnetostatic waves
RT magnetostatic wave devices
surface electromagnetic waves
DEU magnetstatische Oberflächenwelle

magnetostatic wave devices
BT magnetic devices
PT ferrite devices
magnetostatic waves
RT ferrite devices
magnetic microwave devices
magnetic millimetre wave devices
magnetostatic surface waves
magnetostatic waves
DEU magnetostatisches Wellenbauelement
DSY magnetostatisches Wellengerät

magnetostatic waves
BT waves
NT magnetostatic surface waves
PT waves
RT magnetisation
magnetostatic wave devices
magnetostatics
spin waves
DEU magnetostatische Welle

magnetostatics
BT magnetism
PT magnetic fields
RT electromagnetic forces
electromagnetism
magnetic fields
magnetostatic waves
DEU Magnetostatik

Magnetostatik
DEU for magnetostatics

magnetostatische Welle
DEU for magnetostatic waves

magnetostatisches Wellenbauelement
DEU for magnetostatic wave devices

magnetostatisches Wellengerät
DUS für magnetostatic wave devices

magnetostriction
BT magnetism
magnetomechanical effects
NT Matteucci effect
RT magnetic actuators
magnetostrictive devices
DEU Magnetostriktion

magnetostrictive actuators
USE magnetic actuators
+ magnetostrictive devices

magnetostrictive devices
BT magnetic devices
UF *magnetostrictive actuators / magnetic actuators* + *magnetostrictive devices*
UF *magnetostrictive transducers / magnetostrictive devices* + *transducers*
PT magnetic devices
magnetostriction
RT acoustic transducers
acoustic variables measurement
magnetic actuators
magnetoresistive devices
magnetostriction

mechanical variables
measurement
sonar
transducers
DEU magnetostriktives Bauelement

magnetostrictive transducers
USE magnetostrictive devices
\+ transducers
DEU magnetostriktiver Sensor

Magnetostriktion
DEU for magnetostriction

magnetostriktiver Sensor
DEU for magnetostrictive transducers

magnetostriktives Bauelement
DEU for magnetostrictive devices

magnetotail
BT magnetosphere
SY *geomagnetic tail*
PT magnetosphere
RT magnetic reconnection
magnetic storms
magnetopause
solar wind
DEU Magentotail (Magnetfeldausläufer)

magnetotellurics
PT geomagnetism
terrestrial electricity
RT electromagnetic induction
geomagnetism
geophysical prospecting
geophysical techniques
geophysics
terrestrial electricity
DEU Magnetotellurik

Magnetotellurik
DEU for magnetotellurics

magnetothermal effects
USE magnetocaloric effects

magnetotransport
USE galvanomagnetic effects

magnetoviscosity
USE magnetohydrodynamics
\+ viscosity

magnetovolume effects
USE magnetomechanical effects

Magnetowiderstand
DUS für magnetoresistance

Magnetpartikel
DUS für magnetic particles

Magnetresonanz-Spektrokopie
DUS für magnetic resonance spectroscopy

Magnetresonanz-Spektrometer
DUS für magnetic resonance spectrometers

Magnetresonanzbilderzeugung
DUS für magnetic resonance imaging

Magnetresonanzbildgebung
DUS für magnetic resonance imaging

Magnetresonanzspektrokopie
DUS für magnetic resonance spectroscopy

Magnetresonanzspektrometer
DUS für magnetic resonance spectrometers

Magnetron
DEU for magnetrons

magnetron sputter deposition
USE sputter deposition

magnetron sputtered coatings
USE sputtered coatings

magnetron sputtering
USE sputtering

magnetrons
BT microwave tubes
UF *gyromagnetrons / gyrotrons* + *magnetrons*
RT cavity resonators
oscillators
vircators
DEU Magnetron

magnets
BT magnetism
NT accelerator magnets
electromagnets
permanent magnets
RT cores
ferromagnetism
magnetic circuits
magnetic cores
magnetic fields
magnetisation

DEU Magnet

Magnetschichtspeicher
DEU for magnetic film stores

Magnetspeicher
DEU for magnetic storage

Magnetspeicherbauelement
DEU for magnetic storage devices

Magnetspeicherdiskette
DEU for magnetic disc storage

Magnetspeichereinheit
DUS für magnetic storage devices

Magnetspeichergerät
DUS für magnetic storage devices

Magnetspeichersystem
DEU for magnetic storage systems

magnetstatische Oberflächenwelle
DEU for magnetostatic surface waves

Magnetstellglied
DUS für magnetic actuators

Magnetstern
DUS für magnetic stars

Magnetsturm
DEU for magnetic storms

Magnettechnologie für Beschleuniger
DUS für accelerator magnets

Magnetteilchen
DUS für magnetic particles

Magnettunnel
DUS für magnetic tunnelling

Magnetübergang
DUS für magnetic transitions

Magnetvariablenregelung
DUS für magnetic variables control

Magnetvariablensteuerung
DUS für magnetic variables control

Magnetverlust
DUS für magnetic leakage

magnitude convertors
USE convertors

magnitude sequences
USE finding charts

Magnon
DEU for magnons

magnon-phonon interactions
USE phonon-magnon interactions

magnons
BT energy states
magnetism
NT phonon-magnon interactions
PT spin waves
RT antiferromagnetism
ferrimagnetism
ferromagnetism
magnetisation
quasiparticles
spin waves
DEU Magnon

Magnus effect
USE fluid dynamics

Mahlen (Zerkleinern)
DEU for milling

Maia sequence stars
USE variable stars

mail
USE postal services

mail (electronic)
USE electronic mail

mail order
BT retailing
RT home shopping
marketing
order processing
postal services
DEU Bestellung per Post
DSY Mailorder
Versandauftrag

mail sorters
USE mailing systems

Mail-System
DEU for mailing systems

mailing systems
BT office automation
postal services
SY *document folding machines*
envelope inserters
mail sorters
postal scales
DEU Mail-System

Mailorder
DUS für mail order

main sequence stars
USE stars

mainframes
BT digital computers
UF *supercomputers / mainframes + parallel machines*
PT digital computers
general purpose computers
RT Cray computers
DEC computers
IBM computers
ICL computers
microcomputers
minicomputers
multiprogramming
Prime computers
time-sharing systems
Unisys computers
DEU Großrechner

maintainability
USE maintenance engineering
\+ reliability
DEU Wartungsfreundlichkeit

maintenance
USE maintenance engineering

maintenance engineering
BT engineering
NT aircraft maintenance
computer maintenance
configuration management
de-icing
electrical maintenance
nuclear reactor maintenance
preventive maintenance
software maintenance
SY *fouling (equipment)*
fouling (industrial)
UF *maintainability / maintenance engineering + reliability*
SY *maintenance*
repair
retrofitting
UF *servicing / fault location + maintenance engineering*
SY *spare parts*
RT asset management
condition monitoring
deaeration
facilities management
fault diagnosis
life cycle costing
remaining life assessment
warranties
DEU Wartung

maintenance, software
USE software maintenance

Majorana forces
USE nuclear forces

majority logic
BT formal logic
RT logic circuits
redundancy
switching theory
DEU Hauptlogik

Makro (Programmierung)
DEU for macros

Makromolekül
DEU for macromolecules

Makroökonomie
DEU for macroeconomics

MALDI mass spectra
BT mass spectra
SY *matrix-assisted laser desorption/ionisation mass spectra*
RT mass spectroscopic chemical analysis
molecular biophysics
photoionisation
photon stimulated desorption
time of flight mass spectra
DEU MALDI-Massenspektrum

MALDI mass spectroscopy
BT mass spectroscopy
SY *matrix-assisted laser desorption/ionisation mass spectroscopy*
RT biological techniques
mass spectroscopic chemical analysis
time of flight mass spectroscopy
DEU MALDI-Massen-Spektroskopie

DSY MALDI-Massenspektroskopie

MALDI-Massen-Spektroskopie
DEU for MALDI mass spectroscopy

MALDI-Massenspektroskopie
DUS für MALDI mass spectroscopy

MALDI-Massenspektrum
DEU for MALDI mass spectra

malware
USE invasive software

Mammografie
DEU for mammography

Mammographie
DUS für mammography

mammography
BT biomedical imaging
SY *digital mammography*
UF *optical mammography / biomedical optical imaging + mammography*
PT diagnostic radiography
RT biomedical optical imaging
biomedical ultrasonics
cancer
diagnostic radiography
medical image processing
DEU Mammografie
DSY Mammographie

MAN
USE metropolitan area networks

man machine interfaces
USE user interfaces
DEU Benutzeroberfläche

man-machine systems
NT human-robot interaction
SY *human-machine systems*
RT biocybernetics
cybernetics
ergonomics
human factors
learning systems
systems engineering
user interfaces
DEU Mensch-Maschine-System

management
NT asset management
business continuity
business process re-engineering
buyer's guides
consultancies
content management
contracts
corporate modelling
customer relationship management
DP management
emergency management
environmental management
equipment evaluation
equipment selection
facilities management
financial management
globalisation
human resource management
knowledge management
management education
management of change
organisational aspects
outsourcing
product life cycle management
production management
project management
quality management
research and development management
risk management
sales management
supply chain management
technology management
tendering
time management
RT administrative data processing
analytic hierarchy process
control facilities
critical path analysis
decision making
economics
management information systems
management science
operations research
personnel
planning
scheduling
systems engineering
telecommunication network management
DEU Führungsbegriff
DSY Management

management accounting
BT accounting
NT cost accounting
PT accounting
RT budgeting
company reports
DEU Finanzbuchhaltung
DSY internes Rechnungswesen

Management digitaler Rechte
DUS für digital rights management

management education
BT education
management
PT education
management
RT computer aided instruction
educational courses
management training
teaching
training
DEU Führungskräfteausbildung
DSY Managementausbildung

management information systems
BT information systems
NT decision support systems
SY *executive information systems*
RT computer integrated manufacturing
customer relationship management
enterprise resource planning
knowledge management
management
management science
public information systems
supply chain management
DEU Managementinformationssystem

management of change
BT management
SY *change management*
PT management
RT social aspects of automation
technology transfer
DEU Änderungsmanagement

management science
NT critical path analysis
PERT
SY *management techniques*
network analysis (management)
RT administrative data processing
logistics data processing
management
management information systems
DEU Leitungswissenschaft
DSY Managementwissenschaft

management techniques
USE management science

management training
BT training
PT management education
RT management education
DEU Managementtraining

Managementausbildung
DUS für management education

Managementinformationssystem
DEU for management information systems

Managementtraining
DEU for management training

Managementwissenschaft
DUS für management science

Management
DUS für management

Mandelstam representation
BT dispersion relations
elementary particle scattering
DEU Mandelstamm-Darstellung
DSY Mandelstamm-Repräsentation

Mandelstam-Brillouin scattering
USE Brillouin spectra

Mandelstamm-Darstellung
DEU for Mandelstam representation

Mandelstamm-Repräsentation
DUS für Mandelstam representation

MANET
USE mobile ad hoc networks

Mangan
DEU for manganese

manganese
BT transition metals
SY *Mn (chemical element)*
RT manganese alloys
manganese compounds
DEU Mangan

manganese alloys
BT transition metal alloys
NT Elinvar (alloy)
Invar (alloy)
PT manganese compounds
RT manganese
manganese compounds
DEU Manganlegierung

manganese compounds
BT transition metal compounds
RT manganese
manganese alloys
DEU Manganverbindung

manganese stars
USE chemically peculiar stars

Manganlegierung
DEU for manganese alloys

Manganverbindung
DEU for manganese compounds

manifolds
BT machine components
UF *exhaust manifolds / exhaust systems + manifolds*
RT engines
exhaust systems
heat systems
pipes
plumbing equipment
valves
DEU Krümmer
DSY Sammelleitung
Verteilerleiste

Manipulator
DEU for manipulators

manipulator dynamics
BT manipulators
robot dynamics
PT dynamics
industrial manipulators
manipulators
RT dexterous manipulators
flexible manipulators
industrial manipulators
manipulator kinematics
DEU Manipulatordynamik

manipulator kinematics
BT manipulators
robot kinematics
NT redundant manipulators
PT industrial manipulators
kinematics
manipulators
RT dexterous manipulators
flexible manipulators
industrial manipulators
manipulator dynamics
DEU Manipulatorbewegung
DSY Manipulatorkinematik

Manipulatorbewegung
DEU for manipulator kinematics

Manipulatordynamik
DEU for manipulator dynamics

Manipulatorkinematik
DUS für manipulator kinematics

Manipulatorredundanz
DEU for redundant manipulators

manipulators
BT robots
NT dexterous manipulators
end effectors
flexible manipulators
industrial manipulators
manipulator dynamics
manipulator kinematics
micromanipulators
PT robots
RT aerospace robotics
compliance control
control equipment
force control
medical robotics
micropositioning
position control
robot dynamics
robot kinematics
service robots
servomechanisms
telerobotics
DEU Manipulator

manipulators, industrial
USE industrial manipulators

Mann (Personal)
DUS für personnel

Manometer
DEU for manometers

manometers
BT meters
SY *micromanometers*
RT pressure measurement
vacuum gauges
DEU Manometer

manpower planning
USE human resource management
\+ labour resources

manuals, user
USE user manuals

manufacture
BT production
NT aircraft manufacture
aluminium manufacture
automobile manufacture
electron device manufacture
electronic equipment manufacture
food manufacturing
glass manufacture
manufactured products
manufacturing processes
manufacturing systems
paper making
pulp manufacture
steel manufacture
RT concurrent engineering
factory automation
manufacturing industries
production facilities
DEU Fertigung
DSY Herstellung

manufactured gas
USE syngas

manufactured products
BT manufacture
NT aerospace components
automotive components
carpets
ceramic products
chemical products
consumer products
doors
electrical products
electronic products
food products
fuel
glass products
leather products
mechanical products
medical supplies
metal products
office products
paper products
paper pulp
plastic products
preservatives
rubber products
seats
sports equipment
textile products
tobacco products
tools
windows (construction)
wood products
SY *brown goods*
RT agricultural products
armour
product customisation
product design
product development
DEU Endprodukt
DSY Erzeugnis
Fertigprodukt
Fertigungserzeugnis
Fertigungsprodukt
Produkt (Erzeugnis)

manufacturing automation protocol
USE factory automation
\+ industrial control
\+ local area networks
\+ protocols

manufacturing computer control
USE industrial control

manufacturing data processing
BT administrative data processing
PT manufacturing administrative data processing
RT CAD/CAM
computer aided manufacturing
computer integrated manufacturing
flexible manufacturing systems
industrial control
manufacturing processes
manufacturing resources planning
order processing
statistical process control
virtual manufacturing
DEU Fertigungsdatenverarbeitung
DSY Produktionsdatenverarbeitung

manufacturing economics
USE industrial economics

manufacturing facilities
USE production facilities

manufacturing industries
BT industries
NT aerospace industry
automobile industry
brick industry
cement industry
ceramic industry
chemical industry
clothing industry
electrical products industry
electronics industry
food processing industry
footwear industry
fuel processing industries
furniture industry

glass industry
leather industry
machinery production industries
metal product industries
metallurgical industries
paper industry
plastics industry
rubber industry
shipbuilding industry
textile industry
tobacco industry
toy manufacturing industry
PT industries
RT machine tools
manufacture
manufacturing processes
manufacturing systems
telecommunication industry
DEU Fertigungsindustrie

manufacturing processes
BT manufacture
NT batch processing (industrial)
blanking
bleaching (materials processing)
cold working
deaeration
drawing (mechanical)
drying
dyeing
embossing
extrusion
finishing
flotation (process)
forging
forming processes
hot working
joining processes
layered manufacturing
machining
melt processing
metalworking
mineral processing
ozonation (materials processing)
preforms
punching
rolling
sheet metal processing
sintering
smelting
tanning
wood processing
woodworking
UF *Bayer process / alumina + manufacturing processes + mineral processing*
RT aluminium manufacture
arc cutting
cutting
industrial control
industrial manipulators
industrial robots
machine tools
manufacturing data processing
manufacturing industries
materials preparation
production engineering
steel manufacture
DEU Fertigungsprozess
DSY Herstellungsprozess
Produktionsprozess

manufacturing resources planning
BT production planning
SY *MRP II*
PT manufacturing data processing
operations research
production control
RT capacity planning (manufacturing)
enterprise resource planning
manufacturing data processing
materials requirements planning
operations research
production control
DEU Arbeits- und Kostenplanung
DSY Arbeitskräfte- und Auftragsplanung
Fertigungsresourcenplanung
Maschinen- und Materialplanung

manufacturing systems
BT manufacture
NT agile manufacturing
batch production systems
cellular manufacturing
computer aided manufacturing
flexible manufacturing systems
flow production systems
integrated manufacturing systems
intelligent manufacturing systems
job production systems
lean production
mass production
UF *rapid manufacturing / manufacturing systems + rapid prototyping (industrial) + rapid tooling*
RT manufacturing industries
production engineering
DEU Fertigungssystem

many-body problems
RT BCS theory
HF calculations
N-body problems
perturbation theory
quantum statistical mechanics

quantum theory
renormalisation
RPA calculations
statistical mechanics
superfluidity
Thomas-Fermi model
wave mechanics
DEU Mehrkörperproblem
DSY Vielkörperproblem

many-particle systems
USE statistical mechanics

many-valley semiconductors
BT semiconductor materials
semiconductors
SY *multivalley semiconductors*
PT semiconductor materials
semiconductors
RT band structure
conduction bands
DEU Many-Valley-Halbleiter

Many-Valley-Halbleiter
DEU for many-valley semiconductors

many-valued logics
USE multivalued logic

MAP
USE factory automation
+ industrial control
+ local area networks
+ protocols

MAP decoding
USE maximum likelihood decoding

map drawing
USE cartography

Maple
USE mathematics computing
+ symbol manipulation

maraging steel
USE alloy steel

Marangoni flow
USE convection
+ surface tension

marginal barium stars
USE giant stars

marine accidents
BT accidents
PT accidents
RT marine pollution
marine safety
marine vehicles
DEU Schiffsunfall
DSY Schiffsunglück
Unfall zur See
Unglück auf See

marine communication
BT telecommunication
NT marine telemetry
underwater acoustic communication
underwater optical wireless communication
RT marine systems
marine vehicles
mobile communication
on-board communications
radiotelemetry
submarine cables
DEU Kommunikation auf See
DSY Schiffskommunikation
Seekommunikation

marine control
BT marine systems
transport control
RT autonomous underwater vehicles
marine navigation
marine vehicles
mobile robots
motion control
navigation
position control
remotely operated vehicles
DEU marine Steuerung
DSY Schiffssteuerung
Seefahrtsteuerung

marine engineering
BT engineering
SY *ocean engineering*
PT marine systems
RT anchors
cables (mechanical)
marine power systems
marine propulsion
marine safety
marine systems
marine vehicles
naval engineering
offshore installations
shipbuilding industry
DEU Marinetechnik

DSY Meerestechnik
Schiffstechnik

marine geology
USE seafloor phenomena

marine navigation
BT marine vehicles
navigation
PT marine control
marine systems
marine vehicles
navigation
RT boats
inertial navigation
marine control
radionavigation
satellite navigation
ships
underwater vehicles
DEU Navigation zur See
DSY Schiffsnavigation
Seenavigation

marine pollution
BT water pollution
PT water pollution
RT marine accidents
ocean composition
oil pollution
thermal pollution
DEU Meeresverschmutzung
DSY Meeresverunreinigung
Seeverschmutzung
Seeverunreinigung

marine power systems
BT marine systems
power systems
SY *ship power supplies*
RT marine engineering
marine vehicles
mobile power plants
naval engineering
offshore installations
power supplies to apparatus
DEU Schiffsenergiesystem
DSY Schiffsstromsystem

marine propulsion
BT propulsion
PT marine systems
propulsion
RT boats
engines
marine engineering
marine systems
marine vehicles
naval engineering
propellers
ships
torpedoes
underwater vehicles
DEU Schiffsantrieb
DSY Schiffsantriebsanlage

marine radar
BT marine systems
radar
PT marine systems
radar applications
radar equipment
RT military radar
radar applications
radar detection
radar equipment
radar target recognition
radar tracking
DEU Marineradar
DSY Schiffsradar
Seeradar

marine resources
USE aquaculture

marine safety
BT safety
PT safety
RT anchors
marine accidents
marine engineering
marine systems
naval engineering
DEU Meeressicherheit
DSY Schiffssicherheit
Seesicherheit
Sicherheit zur See

marine Steuerung
DEU for marine control

marine systems
NT marine control
marine power systems
marine radar
marine vehicles
RT anchors
engines
marine communication
marine engineering
marine propulsion
marine safety
marine telemetry
naval engineering
naval engineering computing
navigation

propellers
propulsion
transportation
turbines
underwater equipment
DEU meerestechnisches System
DSY Schiffssystem
schiffstechnisches System

marine telemetry
BT marine communication
telemetry
NT underwater acoustic telemetry
PT telemetry
RT marine systems
radiotelemetry
underwater acoustic communication
underwater optical wireless communication
DEU Fernmessung zur See
DSY Meeresfernmessung
Schiffsfernmessung
Seefernmessung

marine vehicles
BT marine systems
vehicles
NT boats
marine navigation
ships
underwater vehicles
UF *hydrofoils / hydrodynamics + marine vehicles*
PT marine systems
RT anchors
marine accidents
marine communication
marine control
marine engineering
marine power systems
marine propulsion
military vehicles
sonar detection
DEU Meeresfahrzeug
DSY Seefahrzeug

Marineradar
DEU for marine radar

Marinetechnik
DEU for marine engineering

mark scanning equipment
BT computer peripheral equipment
identification technology
SY *bar code readers*
optical mark reading
scanners, bar code
PT computer peripheral equipment
RT bar codes
image scanners
optical scanners
DEU Markierungsleser
DSY Markierungsleserausrüstung
Markierungsleserausstattung
Markierungslesereinheit
Markierungslesergerät

Markarian galaxies
USE active galaxies

market opportunities
BT marketing
PT marketing
RT consumer behaviour
customer profiles
DEU Marktchancen

market research
BT marketing
PT marketing
RT competitive intelligence
customer satisfaction
DEU Marktforschung
DSY Marktuntersuchung

marketing
NT advertising
consumer behaviour
customer relationship management
franchising
market opportunities
market research
marketing data processing
promotion (marketing)
retailing
sales management
SY *branding*
direct marketing
telemarketing
RT call centres
commerce
costing
exhibitions
globalisation
mail order
monopoly
oligopoly
pricing
product life cycle management
public relations
time to market
DEU Absatz (Marketing)
DSY Marketing (Absatz)

Vermarktung

Marketing (Absatz)
DUS für marketing

marketing data processing
BT administrative data processing
marketing
NT advertising data processing
retail data processing
wholesale data processing
PT administrative data processing
RT mobile commerce
DEU Absatzwirtschaftsdatenverarbeitung
DSY Marketingdatenverarbeitung

Marketingdatenverarbeitung
DUS für marketing data processing

markets (industrial)
USE industrial economics

Markierungsleser
DEU for mark scanning equipment

Markierungsleserausrüstung
DUS für mark scanning equipment

Markierungsleserausstattung
DUS für mark scanning equipment

Markierungslesereinheit
DUS für mark scanning equipment

Markierungslesergerät
DUS für mark scanning equipment

Markov chains
USE Markov processes

Markov processes
BT stochastic processes
NT hidden Markov models
SY *Markov chains*
PT random processes
RT exponential distribution
infinite horizon
master equation
random processes
DEU Markov-Prozess

Markov-Prozess
DEU for Markov processes

Marktchancen
DEU for market opportunities

Marktforschung
DEU for market research

Marktuntersuchung
DUS für market research

Mars
BT planets
PT planets
DEU Mars (Planet)

Mars (Planet)
DEU for Mars

Martensit
DEU for martensitic structure

martensitic steel
BT steel
PT steel
RT martensitic structure
DEU martensitischer Stahl

martensitic structure
BT crystal microstructure
PT crystal microstructure
RT martensitic steel
martensitic transformations
DEU Martensit

martensitic transformations
BT displacive transformations
PT solid-state phase transformations
RT martensitic structure
reverse martensitic transformations
shape memory effects
transformation toughening
DEU martensitische Transformation
DSY martensitische Umwandlung

martensitic transformations, reverse
USE reverse martensitic transformations

martensitic-austenitic transformations
USE reverse martensitic transformations

martensitische Transformation
DEU for martensitic transformations

martensitische Umwandlung
DUS für martensitic transformations

martensitischer Stahl
DEU for martensitic steel

Martin-Loff type theory
USE type theory

martingales
USE stochastic processes

Marx generators
USE pulse generators
+ pulsed power supplies

MAS
USE magic angle spinning
+ multi-agent systems

MAS (Magic-Angle-Spinning)
DUS für magic angle spinning

Maschenerzeugung (Vernetzung)
DEU for mesh generation

Maschengenerierung (Vernetzung)
DUS für mesh generation

Maschenwarenindustrie
DEU for knitwear industry

Maschine
DUS für machinery

maschinelles Bearbeiten
DEU for machining

maschinelles Sehen
DUS für computer vision

maschinelles Sehen
DEU for robot vision

Maschinen- und Materialplanung
DUS für manufacturing resources planning

Maschinenanlage
DUS für machinery

Maschinenausstattung
DUS für machinery

Maschinenbau
DEU for mechanical engineering

Maschinenbauindustrie
DEU for machinery production industries

maschinenbautechnische Computeranwendung
DUS für mechanical engineering computing

maschinenbautechnische Rechneranwendung
DUS für mechanical engineering computing

Maschinenbelegungsproblem
DUS für single machine scheduling

Maschinencode-Programm
DEU for machine code listings

Maschinengeschäft
DEU for machine shops

Maschinenislation
DEU for machine insulation

Maschinenisolierung
DUS für machine insulation

Maschinenkomponente
DEU for machine components

maschinenorientierte Programmiersprache
DEU for machine oriented languages

Maschinenpark
DUS für machinery

Maschinenplanung
DEU for aggregate planning

Maschinenprüfung
DEU for machine testing

Maschinenschutz
DEU for machine protection

Maschinensteuerung
DEU for machine control

Maschinenteil
DUS für machine components

Maschinentheorie
DEU for machine theory

Maschinenvektorregelung
DEU for machine vector control

Maschinenwäsche (Waschen)
DEU for laundering

Maschinenwerkstattplanung
DUS für job shop scheduling

Maschinenwindung
DEU for machine windings

Maschinerie
DUS für machinery

maschnelle Bearbeitbarkeit
DEU for machinability

Maser (Mikrowellenlaser)
DEU for masers

maser clocks
USE atomic clocks

masers
BT microwave amplifiers
NT cyclotron masers
SY *microwave lasers*
RT astronomical masers
atomic clocks
cavity resonators
coherence
electromagnetic oscillations
lasers
millimetre wave lasers
oscillators
parametric devices
quantum optics
stimulated emission
time measurement
DEU Maser (Mikrowellenlaser)

Maserung (Form)
DUS für texture

Maske (Technik)
DEU for masks

masking (acoustic)
USE hearing
\+ speech intelligibility

masks
NT phase shifting masks
reticles
X-ray masks
SY *photomasks*
RT electron resists
immersion lithography
integrated circuit manufacture
integrated circuits
photolithography
semiconductor device manufacture
semiconductor technology
X-ray lithography
DEU Maske (Technik)

masks (respiratory)
USE respiratory protection

masonry (materials)
USE building materials

mass
NT atomic mass
elementary particle mass
molecular weight
nuclear mass
RT mass measurement
mass spectra
mass spectrometers
DEU Masse (Physik)

mass analyzers
USE mass spectrometer accessories

mass customisation
USE mass production
\+ product customisation

mass customization
USE mass production
\+ product customisation

mass differences
BT elementary particle mass
RT baryon mass
elementary particle theory
elementary particles
hyperon mass
lepton mass
mass formulae
meson mass
DEU Massendifferenz

mass filters
USE mass spectrometer accessories

mass formulae
BT elementary particle mass
elementary particle theory
PT elementary particle theory
RT baryon mass
hyperon mass
mass differences
meson mass
quantum field theory
DEU Massenformel

mass measurement
BT measurement
NT weighing
UF *mass standards / mass measurement + measurement standards*
PT weighing
RT mass
DEU Massenmessung

mass production
BT manufacturing systems
UF *mass customisation / mass production + product customisation*
UF *mass customization / mass production + product customisation*
RT production management
DEU Massenfertigung

mass spectra
BT spectra (general)
NT MALDI mass spectra
secondary ion mass spectra
time of flight mass spectra
SY *ion cyclotron resonance spectra*
RT atomic mass
ions
isotope detection
isotope separation
isotopes
mass
mass spectrometers
mass spectroscopic chemical analysis
mass spectroscopy
molecular weight
DEU Massenspektrum

mass spectrometer accessories
BT spectrometer accessories
SY *mass analyzers*
mass filters
quadrupole mass analysers and filters
PT mass spectrometer components and accessories
RT ion sources
mass spectrometers
DEU Massenspektrometerzubehör

mass spectrometer applications
NT mass spectroscopic chemical analysis
RT isotope separation
mass spectrometers
DEU Massenspektrometeranwendung

mass spectrometers
BT spectrometers
NT time of flight mass spectrometers
RT ion mobility spectrometers
ion optics
mass
mass spectra
mass spectrometer accessories
mass spectrometer applications
mass spectroscopic chemical analysis
mass spectroscopy
particle velocity analysis
time of flight mass spectroscopy
DEU Massen-Spektrometer
DSY Massenspektrometer

mass spectrometry
USE mass spectroscopy

mass spectroscopic chemical analysis
BT chemical analysis
mass spectrometer applications
NT atom probe field ion microscopy
SY *chemical analysis by mass spectrometry*
RT ion microanalysis
ion microprobe analysis
ion mobility spectrometers
ion mobility spectroscopy
isotope separation
MALDI mass spectra
MALDI mass spectroscopy
mass spectra
mass spectrometers
mass spectroscopy
secondary ion mass spectra
secondary ion mass spectroscopy
time of flight mass spectroscopy
DEU massenspektralchemische Analyse

mass spectroscopy
BT spectroscopy
NT atom probe field ion microscopy
MALDI mass spectroscopy
secondary ion mass spectroscopy
time of flight mass spectroscopy
SY *CAMS*
ICR
ion cyclotron resonance spectroscopy
mass spectrometry
PT spectroscopy
RT beam handling techniques
ion mobility spectroscopy
isotope separation
mass spectra

mass spectrometers
mass spectroscopic chemical analysis
DEU Massen-Spektroskopie
DSY Massenspektrometer
Massenspektrometrie
Massenspektroskopie

mass standards
USE mass measurement
\+ measurement standards

mass transfer
PT transport processes
RT accretion
Benard convection
convection
diffusion
fluid dynamics
forced convection
natural convection
Rayleigh-Benard convection
DEU Massetransfer
DSY Masseübertragung

Masse (Physik)
DEU for mass

Massen-Spektrometer
DEU for mass spectrometers

Massen-Spektroskopie
DEU for mass spectroscopy

Massenanziehungskraft
DUS für gravitation

Massendatenanalyse
DUS für Big Data

Massendatenverarbeitung
DUS für Big Data

Massendifferenz
DEU for mass differences

Massenfertigung
DEU for mass production

Massenformel
DEU for mass formulae

Massengutcontainer
DEU for bulk storage containers

Massengutlagerung
DEU for bulk storage

Massenmessung
DEU for mass measurement

Massenspeicher
DUS für bulk storage

massenspektralchemische Analyse
DEU for mass spectroscopic chemical analysis

Massenspektrometer
DUS für mass spectrometers
mass spectroscopy

Massenspektrometeranwendung
DEU for mass spectrometer applications

Massenspektrometerkomponenten und Zubehör
DEU for mass spectrometer components and accessories

Massenspektrometerzubehör
DEU for mass spectrometer accessories

Massenspektrometrie
DUS für mass spectroscopy

Massenspektroskopie
DUS für mass spectroscopy

Massenspektrum
DEU for mass spectra

Massetransfer
DEU for mass transfer

Masseübertragung
DUS für mass transfer

Maßstab
DUS für gauges

Maß
DUS für gauges

Mast (Kabel)
DEU for poles and towers

master equation
BT integro-differential equations
PT statistical mechanics
RT Markov processes
statistical mechanics
transport processes

DEU Mastergleichung

master production scheduling
BT production control
scheduling
PT production control
RT materials requirements planning
stock control
DEU Hauptproduktionsplanung
DSY Mehrziel-Master-Produktionsplanung
Meister-Produktionsplanung
Meisterproduktionsplanung
Planung eines Produktionsprogramms
Zeitplanungssystem für die Massenfertigung

Mastergleichung
DEU for master equation

masterslice
USE cellular arrays

matched filters
BT filters
PT filters
RT radar receivers
signal processing
DEU angepasstes Filter

matching pursuits
USE iterative methods
\+ time-frequency analysis

Material für Phasenumwandlung
DUS für phase change materials

Materialbearbeitung
DEU for materials handling

Materialbedarfsplanung
DEU for materials requirements planning

Materialbestandsführung
DEU for raw materials inventory

Materialeinkauf
DEU for bills of materials

Materialhandhabetechnik
DUS für materials handling equipment

Materialhandhabung
DUS für materials handling

Materialprüfung
DEU for materials testing

materials
NT acoustic materials
additives
alumina
asbestos
auxetics
bio-inspired materials
biodegradable materials
biomedical materials
bone
building materials
catalysts
ceramics
clay
coal
coke
composite materials
conducting materials
dielectric materials
enamels
fibres
fission reactor materials
functionally graded materials
fusion reactor materials
glass
glazes
granular materials
hazardous materials
insulating materials
intelligent materials
lacquers
leather
magnetic materials
metamaterials
microwave materials
millimetre wave materials
nanostructured materials
optical materials
paints
paper pulp
phase change materials
photoconducting materials
photographic materials
plastics
polymers
porous materials
production materials
quartz
radar absorbing materials
raw materials
ready-mixed materials
refractories
renewable materials
sand
semiconductor materials

sheet materials
silicones
skutterudites
soft matter
superconducting materials
surfactants
terahertz materials
textiles
varnish
waxes
wood
yarn
RT materials handling
materials properties
materials science
DEU Werkstoff

materials handling equipment
BT materials handling
NT aerial equipment
conveyors
crushers
cyclone separators
earthmoving equipment
fork lift trucks
grippers
lifting equipment
loading equipment
pulleys
remote handling equipment
screening equipment (materials processing)
scrubbers (materials handling)
trolleys
winches
RT machinery
palletising
production equipment
vending machines
DEU Bearbeitungausrüstung
DSY Materialhandhabetechnik
Werkstoffhandhabetechnik

materials handling
BT automation
NT compaction
containerisation
crushing
filling
fluidised beds
freight handling
grinding
lifting
loading
materials handling equipment
palletising
remote handling
sieving
spraying
stacking
storage
unloading
winding (process)
SY *handling, materials*
sorting (materials)
RT automatic guided vehicles
fission reactor fuel preparation
fission reactor fuel reprocessing
fission reactor materials
goods distribution
industrial control
industrial manipulators
industrial robots
materials
mixing
packaging
pipelines
radioactive waste
radioactive waste disposal
radioactive waste processing
radioactive waste storage
transportation
warehouse automation
DEU Materialbearbeitung
DSY Materialhandhabung
Werkstoffbearbeitung
Werkstoffhandhabung

materials preparation
NT chemical vapour infiltration
combustion synthesis
curing
electrospinning
firing (materials)
laser materials processing
mechanical alloying
melt processing
preforms
pressing
sintering
sol-gel processing
vulcanisation
PT manufacturing processes
materials
RT alloying
crystal growth
manufacturing processes
materials science
microwave materials processing
milling
moulding
nitridation
plasma materials processing
powder metallurgy
powder technology
DEU Werkstoffaufbereitung

materials processing using microwaves
USE microwave materials processing

materials properties
RT dielectric properties
electric properties
magnetic materials
materials
materials science
mechanical properties
optical properties
thermal properties
zero gravity experiments
DEU Werkstoffbearbeitung

materials requirements planning
BT production planning
NT bills of materials
SY *MRP*
PT manufacturing resources planning
RT just-in-time
lot sizing
manufacturing resources planning
master production scheduling
quantity surveying
supply chain management
DEU Materialbedarfsplanung

materials science
BT natural sciences
NT laser materials processing
metallurgy
RT materials
materials preparation
materials properties
materials science computing
materials testing
DEU Werkstoffwissenschaft

materials science computing
BT mechanical engineering computing
physics computing
PT mechanical engineering computing
physics computing
RT materials science
physics
DEU Computeranwendung in den Materialwissenschaften
DSY Computeranwendung in den Werkstoffwissenschaften
materialwissenschaftliche Computeranwendung
materialwissenschaftliche Rechneranwendung
Rechneranwendung in den Materialwissenschaften
Rechneranwendung in den Werkstoffwissenschaften
werkstoffwissenschaftliche Computeranwendung
werkstoffwissenschaftliche Rechneranwendung

materials testing
BT testing
NT acoustic emission testing
compressive testing
corrosion testing
creep testing
dynamic testing
fracture toughness testing
hardness testing
impact testing
nondestructive testing
notch testing
tensile testing
wear testing
RT acoustic applications
laser beam applications
materials science
mechanical testing
metallurgy
stress effects
X-ray applications
DEU Materialprüfung
DSY Werkstoffprüfung

materialwissenschaftliche Computeranwendung
DUS für materials science computing

materialwissenschaftliche Rechneranwendung
DUS für materials science computing

Materiewelle
DEU for matter waves

maternity benefits
USE employee welfare

Mathematica
USE mathematics computing
\+ symbol manipulation

mathematical analysis
BT mathematics
NT Bessel functions
calculus
differential equations
eigenvalues and eigenfunctions
Fourier analysis
frequency-domain analysis
integral equations
inverse problems
modal analysis

numerical analysis
series (mathematics)
spectral-domain analysis
time-domain analysis
transforms
RT approximation theory
catastrophe theory
fractals
DEU mathematische Analyse

mathematical linguistics
USE computational linguistics

mathematical logic
USE formal logic

mathematical morphology
BT mathematics
SY *morphology, mathematical*
RT algebra
filtering theory
fractals
geometry
image processing
pattern recognition
set theory
topology
DEU Morphologie (Mathematik)

mathematical operators
BT mathematics
SY *operators (mathematical)*
RT Banach spaces
computational geometry
duality (mathematics)
linear algebra
matrix algebra
DEU mathematischer Operator

mathematical programming
BT optimisation
NT concave programming
dynamic programming
geometric programming
linear programming
nonlinear programming
stochastic programming
SY *fractional programming*
goal programming
programming, mathematical
semidefinite programming
RT game theory
modelling
DEU mathematische Programmierung

mathematics
NT algebra
arithmetic
calculation
category theory
combinatorial mathematics
conformal mapping
constraint satisfaction problems
constraint theory
convergence
duality (mathematics)
equations
equivalence classes
estimation theory
formal logic
functions
geometry
mathematical analysis
mathematical morphology
mathematical operators
network theory (graphs)
number theory
phase space methods
piecewise linear techniques
possibility theory
probability
set theory
state-space methods
statistics
topology
RT mathematics computing
DEU Mathematik

mathematics computing
BT computer applications
UF *Macsyma / mathematics computing + symbol manipulation*
UF *Maple / mathematics computing + symbol manipulation*
UF *Mathematica / mathematics computing + symbol manipulation*
SY *Matlab*
PT mathematics
RT mathematics
natural sciences computing
numerical analysis
DEU Computeranwendung in der Mathematik
DSY Mathematikdatenverarbeitung
mathematische Computeranwendung
mathematische Rechneranwendung
Rechneranwendung in der Mathematik

Mathematik
DEU for mathematics

Mathematikdatenverarbeitung
DUS für mathematics computing

mathematische Analyse
DEU for mathematical analysis

mathematische Computeranwendung
DUS für mathematics computing

mathematische Konstante
DUS für invariance

mathematische Programmierung
DEU for mathematical programming

mathematische Rechneranwendung
DUS für mathematics computing

mathematische Reihe
DEU for series (mathematics)

mathematischer Operator
DEU for mathematical operators

maths coprocessors
USE coprocessors

Matlab
USE mathematics computing

matrices
USE matrix algebra

matrix algebra
BT linear algebra
NT covariance matrices
Hadamard matrices
Hankel matrices
Hermitian matrices
Hessian matrices
impedance matrix
Jacobian matrices
linear matrix inequalities
Lyapunov matrix equations
matrix decomposition
matrix inversion
matrix multiplication
polynomial matrices
S-matrix theory
sparse matrices
Toeplitz matrices
transfer function matrices
transmission line matrix methods
SY *matrices*
UF *matroids / combinatorial mathematics + matrix algebra*
RT conjugate gradient methods
determinants
gradient methods
mathematical operators
network analysis
network parameters
numerical analysis
rational functions
realisation theory
Riccati equations
DEU Matrixalgebra
DSY Matrixberechnung
Matrixrechnung
Matrizenalgebra
Matrizenberechnung
Matrizenrechnung

matrix converters
USE matrix convertors

matrix convertors
BT power convertors
SY *matrix converters*
PT AC-AC power convertors
RT AC-AC power convertors
cycloconvertors
power electronics
power supplies to apparatus
power supply circuits
DEU Matrixkonverter
DSY Matrizenkonverter

matrix decomposition
BT matrix algebra
NT singular value decomposition
SY *factorisation (matrix)*
factorization (matrix)
matrix factorisation
matrix factorization
spectral factorisation
PT matrix algebra
RT matrix inversion
matrix multiplication
DEU Matrixzerlegung

matrix factorisation
USE matrix decomposition

matrix factorization
USE matrix decomposition

matrix inversion
BT matrix algebra
PT matrix algebra
RT matrix decomposition
DEU Matrixinvertierung
DSY Matrizeninvertierung

matrix isolation spectra
BT spectra (general)
PT spectra
RT Shpolskii spectra
two-dimensional spectra
DEU Matrixisolationsspektrum
DSY Matrizenisolationsspektrum

matrix isolation spectroscopy
BT spectroscopy
PT spectroscopy
RT laser beam applications
measurement by laser beam
two-dimensional spectroscopy
DEU Matrixisolations-Spektroskopie
DSY Matrixisolationsspektroskopie
Matrizenisolations-Spektroskopie
Matrizenisolationsspektroskopie

matrix model
USE M-theory

matrix multiplication
BT matrix algebra
PT matrix algebra
RT matrix decomposition
DEU Matrixmultiplikation
DSY Matrizenmultiplikation

matrix printers
BT printers
SY *dot matrix printers*
PT printers
DEU Matrixdrucker

matrix-assisted laser desorption/ionisation mass spectra
USE MALDI mass spectra

matrix-assisted laser desorption/ionisation mass spectroscopy
USE MALDI mass spectroscopy

Matrixalgebra
DEU for matrix algebra

Matrixberechnung
DUS für matrix algebra

Matrixdrucker
DEU for matrix printers

Matrixinvertierung
DEU for matrix inversion

Matrixisolations-Spektroskopie
DEU for matrix isolation spectroscopy

Matrixisolationsspektroskopie
DUS für matrix isolation spectroscopy

Matrixisolationsspektrum
DEU for matrix isolation spectra

Matrixkonverter
DEU for matrix convertors

Matrixmultiplikation
DEU for matrix multiplication

Matrixrechnung
DUS für matrix algebra

Matrixzerlegung
DEU for matrix decomposition

Matrize (Werkzeugmaschine)
DEU for dies (machine tools)

Matrizenalgebra
DUS für matrix algebra

Matrizenberechnung
DUS für matrix algebra

Matrizeninvertierung
DUS für matrix inversion

Matrizenisolations-Spektroskopie
DUS für matrix isolation spectroscopy

Matrizenisolationsspektroskopie
DUS für matrix isolation spectroscopy

Matrizenisolationsspektrum
DUS für matrix isolation spectra

Matrizenkonverter
DUS für matrix convertors

Matrizenmultiplikation
DUS für matrix multiplication

Matrizenrechnung
DUS für matrix algebra

matroids
USE combinatorial mathematics
\+ matrix algebra

matter waves
RT Bose-Einstein condensation
DEU Materiewelle

Matteucci effect
BT magnetostriction
PT magnetoelectric effects
magnetomechanical effects
RT electromagnetism
DEU Matteucci-Effekt

Matteucci-Effekt
DEU for Matteucci effect

Mattheissen's rule
USE electrical conductivity

Maus (Eingabegerät)
DUS für mouse controllers (computers)

Mauscontroller (Computer)
DUS für mouse controllers (computers)

Maut (Straßengebühr)
DEU for road pricing (tolls)

maximal ratio combining
USE diversity reception

Maximal-Leistungspunkt-Suche
DUS für maximum power point trackers

maximale Leistungspunktverfolgung
DUS für maximum power point trackers

maximale Wahrscheinlichkeitsdecodier ung
DEU for maximum likelihood decoding

maximaler Arbeitspunkt
DUS für maximum power point trackers

maximaler effektiver Mitteldruck
DUS für pressure

Maximalleistungspunkt-Tracker
DUS für maximum power point trackers

Maximalwahrscheinlichkeitsfolge
DEU for maximum likelihood sequence estimation

maximisation
USE optimisation

maximization
USE optimisation

maximum a posteriori algorithm
USE maximum likelihood estimation

maximum entropy methods
BT entropy
PT entropy
RT image processing
minimum entropy methods
spectral analysis
DEU Maximum-Entropie-Methode

maximum likelihood decoding
BT decoding
SY *MAP decoding*
PT decoding
maximum likelihood estimation
RT adaptive decoding
maximum likelihood detection
maximum likelihood estimation
maximum likelihood sequence estimation
Viterbi decoding
DEU maximale Wahrscheinlichkeitsdeco dierung

maximum likelihood detection
BT signal detection
PT maximum likelihood estimation
signal detection
RT maximum likelihood decoding
maximum likelihood estimation
maximum likelihood sequence estimation
Viterbi detection
DEU Maximum-Wahrscheinlichkeits-Detektion

maximum likelihood estimation
BT estimation theory
parameter estimation
statistical analysis
NT expectation-maximisation algorithm
maximum likelihood sequence estimation
SY *maximum a posteriori algorithm*
MLE
Viterbi estimation
PT statistical analysis
RT delay estimation
direction-of-arrival estimation
maximum likelihood decoding
maximum likelihood detection
probability
time-of-arrival estimation

DEU Maximum-Wahrscheinlichkeits-Schätzung

maximum likelihood sequence estimation
BT maximum likelihood estimation
sequential estimation
SY *MLSE*
PT maximum likelihood estimation
RT maximum likelihood decoding
maximum likelihood detection
DEU Maximalwahrscheinlichkeitsfolge

maximum power point trackers
BT DC-DC power convertors
SY *MPPT*
PT DC-DC power convertors
RT battery chargers
photovoltaic power systems
power generation control
solar cell arrays
solar cells
DEU Anpassungs-Bestpunkt-Regler
DSY Maximal-Leistungspunkt-Suche
maximale Leistungspunktverfolgung
maximaler Arbeitspunkt
Maximalleistungspunkt-Tracker
Maximum-Power-Point Tracker
MPP-Tracking
MPPT (Maximum Power Point Trackers)
Nachführregler für das Leistungsmaximum
Spitzenleistungsnachführung

maximum principle
BT optimal control
SY *Pontryagin maximum principle*
RT dynamic programming
DEU Maximumprinzip

maximum-demand indicators
BT indicators
RT power measurement
DEU Maximumbedarfsanzeige
DSY Maximumbedarfsindikator

Maximum-Entropie-Methode
DEU for maximum entropy methods

Maximum-Power-Point Tracker
DUS für maximum power point trackers

Maximum-Wahrscheinlichkeits-Detektion
DEU for maximum likelihood detection

Maximum-Wahrscheinlichkeits-Schätzung
DEU for maximum likelihood estimation

Maximumbedarfsanzeige
DEU for maximum-demand indicators

Maximumbedarfsindikator
DUS für maximum-demand indicators

Maximumerwartungsalgorithmus
DUS für expectation-maximisation algorithm

Maximumprinzip
DEU for maximum principle

maxmin technique
USE minimax techniques

Maxwell effect
USE flow birefringence

Maxwell equations
BT electromagnetism
PT electromagnetism
RT computational electromagnetics
DEU Maxwell-Gleichung

Maxwell-Boltzmann distribution
USE statistical mechanics

Maxwell-Gleichung
DEU for Maxwell equations

MBE
USE molecular beam epitaxial growth

MCA
USE system buses

MCD
USE magnetic circular dichroism

MCDF calculations
USE Dirac-Fock calculations

MCFC
USE molten carbonate fuel cells

MCG
USE magnetocardiography

MCM
USE multichip modules

MCP
USE microchannel plates

Md (chemical element)
USE mendelevium
DEU Md (chemisches Element)

Md (chemisches Element)
DEU for Md (chemical element)

Me variables
USE giant stars
+ variable stars

Mealy Moore machines
USE finite automata

mean free path, carrier
USE carrier mean free path

mean square error methods
BT approximation theory
NT least mean squares methods
SY *MSE*
RT error analysis
estimation theory
least squares approximations
DEU Methode des mittleren quadratischen Fehlers
DSY mittlere Quadratfehlermethode

measurement
NT acoustic measurement
acoustic variables measurement
anemometry
anthropometry
biomedical measurement
characteristics measurement
chemical variables measurement
density measurement
distortion measurement
dosimetry
elastic constant measurement
electric variables measurement
field strength measurement
force measurement
integrated circuit measurement
intensity measurement
intermodulation measurement
laser variables measurement
loss measurement
magnetic variables measurement
mass measurement
measurement by laser beam
mechanical variables measurement
noise measurement
optical variables measurement
plasma diagnostics
polarimetry
pollution measurement
power system measurement
pulse measurement
Q-factor measurement
radar measurement
radiation detection
radiofrequency measurement
radiometry
reflectometry
resistance measurement
semiconductor device measurement
spatial variables measurement
surface energy measurement
surface measurement
thermal variables measurement
time measurement
velocity measurement
viscosity measurement
SY *metrology*
RT calibration
constants
imaging
instruments
laboratory techniques
measurement standards
measurement systems
measurement theory
measurement uncertainty
nonelectric sensing devices
power utilisation
recording
testing
units (measurement)
DEU Messen (Abmessung)
DSY Messung

measurement by laser beam
BT laser beam applications measurement
NT laser Doppler anemometry
laser ranging
laser velocimetry
shearography
PT laser beam applications
RT laser velocimeters
light interferometers
light interferometry
matrix isolation spectroscopy
modulation spectroscopy
multiphoton spectroscopy
optical sensors
remote sensing by laser beam
spectroscopy
time resolved spectroscopy
two-photon spectroscopy

DEU Lasermessverfahren

measurement errors
BT errors
UF *measurement noise / measurement errors + measurement uncertainty*
SY *systematic errors*
RT measurement theory
measurement uncertainty
statistical analysis
DEU Messfehler

measurement noise
USE measurement errors
\+ measurement uncertainty

measurement standards
BT standards
NT frequency standards
temperature scales
transfer standards
UF *length standards / length measurement + measurement standards*
UF *mass standards / mass measurement + measurement standards*
UF *voltage standards / measurement standards + voltage measurement*
RT accreditation
ANSI standards
atomic clocks
BSI standards
calibration
IEC standards
IEEE standards
laser frequency stability
measurement
measurement uncertainty
DEU Messnorm
DSY Messnormal
Messstandard

measurement systems
RT coordinate measuring machines
instrumentation
instruments
measurement
meters
DEU Messsystem

measurement theory
RT measurement
measurement errors
measurement uncertainty
DEU Messtheorie

measurement uncertainty
UF *measurement noise / measurement errors + measurement uncertainty*
PT measurement errors
RT calibration
measurement
measurement errors
measurement standards
measurement theory
DEU Messungenauigkeit
DSY Messunsicherheit

measurement units
USE units (measurement)

measuring instruments
USE instruments

meat
USE food products

mechanical alloying
BT alloying
materials preparation
PT materials preparation
RT ball milling
dispersion hardening
powder metallurgy
DEU mechanisches Legieren

mechanical birefringence
BT birefringence
SY *stress birefringence*
RT photoelasticity
DEU mechanische Doppelbrechung

mechanical calculators
BT calculating apparatus
DEU mechanische Rechenmaschine
DSY mechanischer Rechenapparat

mechanical contact
BT continuum mechanics
tribology
SY *contact (mechanical)*
interfaces, mechanical
mechanical interfaces
PT tribology
RT indentation
stick-slip
DEU mechanischer Kontakt

mechanical control equipment
BT control equipment
NT hydraulic control equipment
pneumatic control equipment
RT ball screws

cams (mechanical)
nonelectric final control devices
nonelectric sensing devices
DEU mechanische Kontrolleinrichtung
DSY mechanische Regeleinrichtung
mechanische Steuereinrichtung

mechanical energy storage
BT energy storage
NT flywheels
PT energy storage
DEU mechanischer Energiespeicher

mechanical engineering
BT engineering
NT mechanical engineering computing
power transmission (mechanical)
structural engineering
RT automotive engineering
gears
mechanical products
mechanical testing
mechanics
mechatronics
precision engineering
pressure vessels
stress analysis
DEU Maschinenbau

mechanical engineering computing
BT engineering computing
mechanical engineering
NT materials science computing
structural engineering computing
PT engineering applications of
computers
RT computational fluid dynamics
computerised control
DEU Computeranwendung im
Maschinenbau
DSY maschinenbautechnische
Computeranwendung
maschinenbautechnische
Rechneranwendung
Rechneranwendung im
Maschinenbau

mechanical guides
BT mechanical products
SY *guideways (mechanical)*
slideways (mechanical)
RT machine tools
position control
DEU mechanische Führung

mechanical impact
USE impact (mechanical)

mechanical instability
USE mechanical stability

mechanical interfaces
USE mechanical contact

mechanical organs
USE artificial organs

mechanical oscillations
USE oscillations

mechanical products
BT manufactured products
NT anchors
axles
ball screws
bellows
blades
brakes
bushings
cables (mechanical)
cantilevers
chains
clutches
couplings
diaphragms
explosive actuated equipment
fasteners
flanges
gaskets
handles
hinges
hoses
keys (locking)
ladders
lightweight structures
linings
machine components
mechanical guides
mountings
needles
orifices (mechanical)
pipes
plumbing equipment
pressure vessels
propellers
ropes
shims
springs (mechanical)
sprockets
steering systems
supports
suspensions (mechanical
components)

vents (mechanical components)
wheels
RT deployable structures
mechanical engineering
rings (structures)
DEU mechanisches Erzeugnis

mechanical properties
NT anelasticity
bending strength
brittleness
compressibility
cracks
deformation
delamination
durability
elastic aftereffect
elastic hysteresis
elastic moduli
elasticity
elongation
failure (mechanical)
fracture
friction
hardness
indentation
internal stresses
machinability
mechanical properties of substances
mechanical strength
nanomechanics
overhead line mechanical characteristics
plasticity
recovery
seizure
shrinkage
stress relaxation
stress-strain relations
swelling
thermal shock
torque
torsion
viscoelasticity
wear
workability
PT mechanical properties of substances
RT magnetomechanical effects
materials properties
mechanical testing
mechanical variables control
mechanical variables measurement
mechanics
metallurgy
stress effects
tribology
DEU mechanische Eigenschaften

mechanical properties of substances
BT mechanical properties
DEU mechanische Eigenschaften von Substanzen

mechanical relaxation
USE anelastic relaxation

mechanical stability
BT mechanics
stability
SY *balancing (mechanical systems)*
mechanical instability
PT stability
RT buckling
DEU mechanische Stabilität

mechanical strength
BT mechanical properties
NT bending strength
compressive strength
fracture toughness
impact strength
notch strength
shear strength
tensile strength
SY *strength (mechanical)*
RT failure (mechanical)
DEU mechanische Festigkeit

mechanical testing
BT testing
NT compressive testing
creep testing
dynamic testing
fracture toughness testing
hardness testing
impact testing
notch testing
tensile testing
wear testing
RT extensometers
force measurement
materials testing
mechanical engineering
mechanical properties
mechanical variables control
mechanical variables measurement
piezoelectric devices
strain gauges
strain measurement
stress effects
stress measurement
transducers

DEU mechanische Prüfung
DSY mechanischer Test

mechanical typesetting
BT typesetting
DEU mechanischer Satz

mechanical variables control
BT control of specific variables
NT acceleration control
compliance control
density control
flow control
force control
pressure control
shock control
strain control
stress control
torque control
velocity control
vibration control
weight control
RT mechanical properties
mechanical testing
mechanical variables measurement
mechanics
DEU Kontrolle mechanischer Größen
DSY Kontrolle mechanischer Variablen
Regelung mechanischer Größen
Regelung mechanischer Variablen
Steuerung mechanischer Größen
Steuerung mechanischer Variablen

mechanical variables measurement
BT measurement
NT acceleration measurement
elastic moduli measurement
energy measurement
flow measurement
force measurement
pressure measurement
shock measurement
strain measurement
stress measurement
surface tension measurement
torque measurement
vibration measurement
UF *deformation measurement / deformation + mechanical variables measurement*
RT magnetostrictive devices
mechanical properties
mechanical testing
mechanical variables control
mechanics
DEU Messen mechanischer Größen
DSY Messen mechanischer Variablen

mechanical vibrations
USE vibrations

mechanical waves
USE elastic waves

mechanics
NT biomechanics
celestial mechanics
classical mechanics
damping
density
dynamics
fluid mechanics
intermolecular mechanics
intramolecular mechanics
kinematics
mechanical stability
micromechanics
momentum
relativistic mechanics
statics
statistical mechanics
wave mechanics
RT angular momentum theory
elasticity
mechanical engineering
mechanical properties
mechanical variables control
mechanical variables measurement
physics fundamentals
plasticity
quantum theory
rheology
structural engineering computing
structural engineering
DEU Mechanik

mechanics of fluids
USE fluid mechanics

Mechanik
DEU for mechanics

Mechanik (klassisch)
DUS für classical mechanics

mechanische Aberration
DUS für aberrations

mechanische Doppelbrechung
DEU for mechanical birefringence

mechanische Eigenschaft
DEU for mechanical properties of substances

mechanische Eigenschaften
DEU for mechanical properties

mechanische Eigenschaften von Oberleitungen
DEU for overhead line mechanical characteristics

mechanische Eigenschaften von Substanzen
DEU for mechanical properties of substances

mechanische Festigkeit
DEU for mechanical strength

mechanische Führung
DEU for mechanical guides

mechanische Kontrolleinrichtung
DEU for mechanical control equipment

mechanische Presse
DUS für presses

mechanische Prüfung
DEU for mechanical testing

mechanische Rechenmaschine
DEU for mechanical calculators

mechanische Regeleinrichtung
DUS für mechanical control equipment

mechanische Spannungskontrolle
DEU for stress control

mechanische Stabilität
DEU for mechanical stability

mechanische Steuereinrichtung
DUS für mechanical control equipment

mechanischer Energiespeicher
DEU for mechanical energy storage

mechanischer Kontakt
DEU for mechanical contact

mechanischer Rechenapparat
DUS für mechanical calculators

mechanischer Satz
DEU for mechanical typesetting

mechanischer Test
DUS für mechanical testing

mechanisches Erzeugnis
DEU for mechanical products

mechanisches Legieren
DEU for mechanical alloying

Mechanismus
DUS für machinery

mechanoception
BT somatosensory phenomena
NT touch (physiological)
SY *balance (physiological)*
UF *biosonic generation / bioacoustics + mechanoception*
UF *echolocation (physiological) / bioacoustics + mechanoception*
SY *proprioception*
stretch receptors
RT bioacoustics
ear
neurophysiology
DEU tastbare Wahrnehmung

mechanoluminescence
USE triboluminescence

mechatronics
BT engineering
UF *micromechatronics / mechatronics + micromechanical devices*
RT computerised control
control equipment
electronic engineering
industrial robots
intelligent actuators
intelligent sensors
intelligent structures
mechanical engineering
micromechanical devices
robots
DEU Mechatronik

Mechatronik
DEU for mechatronics

media access control protocols
USE access protocols

media streaming
BT multimedia communication
NT audio streaming
video streaming
PT multimedia communication
RT Internet
multimedia systems
quality of service
DEU Medienaufzeichnung und -abspielung

median filters
BT digital filters
nonlinear filters
PT digital filters
multidimensional digital filters
two-dimensional digital filters
RT image processing
multidimensional digital filters
DEU Rangordnungsfilter

medical administrative data processing
BT administrative data processing
NT medical information systems
UF *hospital administration / health care + medical administrative data processing*
UF *medical information processing / medical administrative data processing + medical computing*
PT biomedical applications of computers
hospital administration
medical information processing
RT medical computing
DEU medizinische Datenverarbeitung

medical aids for handicapped
USE handicapped aids

medical care
USE health care
\+ patient care

medical communication
USE biomedical communication

medical computing
BT natural sciences computing
NT medical diagnostic computing
medical expert systems
medical signal processing
SY *biomedical applications of computers*
UF *medical information processing / medical administrative data processing + medical computing*
PT biomedical applications of computers
medical information processing
RT assisted living
bioinformatics
genomics
medical administrative data processing
medicine
MUMPS
proteomics
safety-critical software
serious games (computing)
telemedicine
DEU Computeranwendung in der Medizin
DSY medizinische Computeranwendung
medizinische Datenverarbeitung
medizinische Rechneranwendung
Rechneranwendung in der Medizin

medical control systems
BT control systems
NT medical robotics
RT biocontrol
biomedical equipment
handicapped aids
orthotics
prosthetics
DEU medizinische Steuersystem
DSY medizinisches Kontrollsystem
medizinisches Regelsystem

medical diagnosis
USE patient diagnosis
DEU medizinische Diagnostik

medical diagnostic computing
BT medical computing
NT medical image processing
PT biomedical applications of computers
medical information processing
RT diagnostic expert systems
medical expert systems
medical signal processing
patient diagnosis
DEU Computeranwendung in der medizinischen Diagnostik
DSY medizindiagnostische Computeranwendung
medizindiagnostische Rechneranwendung
medizinische-diagnostische Computeranwendung
medizinische-diagnostische Rechneranwendung
Rechneranwendung in der

medizinischen Diagnostik

medical disorders
PT diseases
RT diseases
DEU Erkrankung
DSY Krankheit
medizinische Störung

medical education
USE biomedical education

medical effects of radiation
USE biological effects of radiation

medical electronics
USE biomedical electronics
DEU Medizinelektronik

medical engineering
USE biomedical engineering

medical equipment
USE biomedical equipment
DEU medizinische Ausrüstung

medical expert systems
BT expert systems
medical computing
PT expert systems
RT diagnostic expert systems
medical diagnostic computing
medical image processing
medical signal processing
DEU medizinisches Expertensystem

medical image processing
BT biomedical imaging
image processing
medical diagnostic computing
medical signal processing
SY *biomedical image processing*
PT computerised picture processing
medical diagnostic computing
picture processing
RT biomedical measurement
biomedical optical imaging
cancer
computerised tomography
image fusion
image motion analysis
mammography
medical expert systems
optical tomography
PACS
DEU medizinische Bildverarbeitung

medical imaging
USE biomedical imaging

medical information processing
USE medical administrative data processing
\+ medical computing

medical information systems
BT information systems
medical administrative data processing
NT electronic health records
PACS
SY *hospital information systems*
PT medical administrative data processing
RT telemedicine
DEU medizinisches Informationssystem

medical laser applications
USE laser applications in medicine

medical measurement
USE biomedical measurement

medical monitoring
USE patient monitoring

medical MRI
USE biomedical MRI

medical NMR
USE biomedical NMR

medical physics
USE medicine
DEU medizinische Physik

medical radiography
USE diagnostic radiography

medical rehabilitation
USE patient rehabilitation

medical robotics
BT biomedical equipment
medical control systems
robots
UF *surgical robots / medical robotics*
+ surgery
PT biomedical equipment
manipulators
robots
RT biocontrol
handicapped aids
manipulators
surgery

DEU medizinische Robotertechnik
DSY medizinischer Roboter
Medizinroboter

medical signal detection
BT signal detection
SY *biomedical signal detection*
PT medical signal processing
signal detection
RT biomedical imaging
biomedical measurement
electrocardiography
electroencephalography
medical signal processing
DEU medizinische Signalerkennung

medical signal processing
BT medical computing
signal processing
NT medical image processing
SY *biomedical signal processing*
PT computerised signal processing
medical computing
medical diagnostic computing
signal processing
RT bioelectric potentials
biomedical measurement
brain-computer interfaces
electrocardiography
electroencephalography
medical diagnostic computing
medical expert systems
medical signal detection
patient diagnosis
patient monitoring
DEU medizinische Signalverarbeitung

medical supplies
BT manufactured products
RT biomedical equipment
hospitals
needles
pharmaceuticals
protective clothing
sterilisation (microbiological)
vending machines
DEU medizinischer Artikel

medical treatment
USE patient treatment
DEU medikamentöse Behandlung

medical ultrasonics
USE biomedical ultrasonics

medicine
NT dentistry
diseases
geriatrics
gynaecology
health care
laser applications in medicine
obstetrics
occupational medicine
orthopaedics
paediatrics
telemedicine
veterinary medicine
SY *medical physics*
UF *psychiatry / medicine* + *psychology*
RT accidents
biomedical education
biomedical engineering
health hazards
hospitals
hygiene
medical computing
patient monitoring
patient treatment
pharmaceutical industry
physiology
radiation protection
DEU Medizin

Medienaufzeichnung und -abspielung
DEU for media streaming

medikamentöse Behandlung
DEU for medical treatment

Medizin
DEU for medicine

medizindiagnostische Computeranwendung
DUS für medical diagnostic computing

medizindiagnostische Rechneranwendung
DUS für medical diagnostic computing

Medizinelektronik
DEU for medical electronics

medizinische Ausrüstung
DEU for medical equipment

medizinische Bildverarbeitung
DEU for medical image processing

medizinische Computeranwendung
DUS für medical computing

medizinische Datenverarbeitung
DEU for medical administrative data processing

medizinische Datenverarbeitung
DUS für medical computing

medizinische Diagnostik
DEU for medical diagnosis

medizinische Laseranwendung
DUS für laser applications in medicine

medizinische Messtechnik
DEU for biomedical measurement

medizinische Physik
DEU for medical physics

medizinische Rechneranwendung
DUS für medical computing

medizinische Robotertechnik
DEU for medical robotics

medizinische Signalerkennung
DEU for medical signal detection

medizinische Signalverarbeitung
DEU for medical signal processing

medizinische Steuersystem
DEU for medical control systems

medizinische Störung
DUS für medical disorders

medizinische Technik
DEU for biomedical engineering

medizinische-diagnostische Computeranwendung
DUS für medical diagnostic computing

medizinische-diagnostische Rechneranwendung
DUS für medical diagnostic computing

medizinischer Artikel
DEU for medical supplies

medizinischer Roboter
DUS für medical robotics

medizinisches Expertensystem
DEU for medical expert systems

medizinisches Informationssystem
DEU for medical information systems

medizinisches Kontrollsystem
DUS für medical control systems

medizinisches Regelsystem
DUS für medical control systems

Medizinroboter
DUS für medical robotics

Meeresbodenphänomen
DEU for seafloor phenomena

Meereschemie
DEU for ocean chemistry

Meeresfahrzeug
DEU for marine vehicles

Meeresfernmessung
DUS für marine telemetry

Meeresgebiet
DEU for oceanographic regions

Meereshöhe
DEU for sea level

Meeresoptik
DEU for ocean optics

Meeresregion
DUS für oceanographic regions

Meeressicherheit
DEU for marine safety

Meerestechnik
DUS für marine engineering

meerestechnisches System
DEU for marine systems

Meerestemperatur
DEU for ocean temperature

Meeresverschmutzung
DEU for marine pollution

Meeresverunreinigung
DUS für marine pollution

Meereswärmeenergieumwandlung
DEU for ocean thermal energy conversion

Meereswelle
DEU for ocean waves

Meereszusammensetzung
DEU for ocean composition

Meerwasser
DEU for seawater

MEG
USE magnetoencephalography

mehradrige Proportionalkammer
DEU for multiwire proportional chambers

mehradrige Übertagungsleitung
DEU for multiconductor transmission lines

mehradriger Supraleiter
DEU for multifilamentary superconductors

mehrdimensionale Signalverarbeitung
DEU for multidimensional signal processing

mehrdimensionales Digitalfilter
DEU for multidimensional digital filters

mehrdimensionales System
DEU for multidimensional systems

Mehrdraht-Proportionalkammer
DUS für multiwire proportional chambers

Mehrfachportnetz
DEU for multiport networks

Mehrfachschicht
DEU for multilayers

Mehrfachspalt (Optik)
DUS für diffraction gratings

Mehrfachstern
DEU for multiple stars

Mehrfachstrahlantenne
DEU for multibeam antennas

mehrfachvariables Steuersystem
DEU for multivariable control systems

Mehrfachzugangssystem
DEU for multi-access systems

Mehrfachzugriffssystem
DUS für multi-access systems

Mehrkeulenantenne
DUS für multibeam antennas

Mehrkörperproblem
DEU for many-body problems

Mehrnutzererkennung
DEU for multiuser detection

Mehrnutzerkanal
DEU for multiuser channels

Mehrphasenströmung
DEU for multiphase flow

Mehrprogrammbetrieb
DEU for multiprogramming

Mehrprozessor-Scheduling-Problem
DUS für processor scheduling

Mehrprozessor-Steuertechnik
DUS für processor scheduling

Mehrprozessorplanung
DUS für processor scheduling

Mehrprozessorscheduling-Algorithmus
DUS für processor scheduling

Mehrprozessorsteuerung
DUS für processor scheduling

Mehrprozessorverbindungsnetzwerk
DEU for multiprocessor interconnection networks

Mehrprozessorzuteilung
DUS für processor scheduling

Mehrrobotersystem
DEU for multi-robot systems

Mehrschichterkennungsgerät
DEU for multilayer perceptrons

Mehrstrahlantenne
DUS für multibeam antennas

Mehrstrahlrichtantenne
DUS für shaped beam antennas

Mehrstufenpresse
DUS für presses

mehrstufiges Verbindungsnetzwerk
DEU for multistage interconnection networks

Mehrwegkanal
DEU for multipath channels

Mehrwellenmischung
DEU for multiwave mixing

mehrwertige Logik
DEU for multivalued logic

Mehrwertige-Logik-Schaltung
DEU for multivalued logic circuits

Mehrwertlogikschaltung
DUS für multivalued logic circuits

Mehrziel-Master-Produktionsplanung
DUS für master production scheduling

Meissner effect
BT superconductivity
SY *magnetic flux jumping*
Meissner-Ochsenfeld effect
PT superconductivity
DEU Meissner-Effekt

Meissner-Effekt
DEU for Meissner effect

Meissner-Ochsenfeld effect
USE Meissner effect

Meister-Produktionsplanung
DUS für master production scheduling

Meisterproduktionsplanung
DUS für master production scheduling

meitnerium
BT transactinides
SY *element 109*
Mt (chemical element)
DEU Meitnerium

Meitnerium
DEU for meitnerium

melt infiltration
BT melt processing
SY *infiltration, melt*
PT materials preparation
RT flow through porous media
melting
preforms
DEU Schmelzinfiltration

melt processing
BT manufacturing processes
materials preparation
NT crystal growth from melt
melt infiltration
melt spinning
melt texturing
zone melting
RT liquid phase deposition
melting
DEU Schelzprozess
DSY Schmelzen
Schmelzverarbeitung

melt spinning
BT melt processing
PT materials preparation
quenching (thermal)
RT casting
metallic glasses
quenching (thermal)
rapid solidification
splat cooling
DEU Schmelzspinnen (allgemein)

melt texturing
BT melt processing
PT high-temperature superconductors
texture
RT high-temperature superconductors
melting
powder technology
solidification
texture
DEU Schmelztexturieren

melting
BT solid-liquid transformations
NT zone melting
SY *fusion*
thawing
RT de-icing
fusion welding
melt infiltration
melt processing
melt texturing
melting point
smelting
DEU Schmelzen

melting point
BT critical points
temperature
thermodynamic properties
RT heat of fusion
melting
DEU Schmelzpunkt

Membran
DEU for membranes

membrane computing
USE biocomputing

membrane theory
BT extended objects
SY *D-branes*
p-branes
UF *supermembranes / membrane theory + supersymmetry*
PT extended objects
RT M-theory
string theory
DEU Membrantheorie

membranes
NT biomembranes
lipid bilayers
RT diffusion
microbial fuel cells
microfiltration
nanofiltration
osmosis
permeability
proton exchange membrane fuel cells
reverse osmosis
transpiration
ultrafiltration
waterproofing
DEU Membran

Membrantheorie
DEU for membrane theory

memories, analogue
USE analogue storage

memories, digital
USE digital storage

memory (physiological)
USE brain
\+ brain models
\+ neural nets
\+ neurophysiology

memory addresses
USE storage allocation

memory architecture
BT computer architecture
NT parallel memories
PT analogue storage
computer architecture
digital storage
RT analogue storage
content-addressable storage
digital storage
file organisation
neural nets
DEU Speicherarchitektur

memory cards
BT digital storage
SY *PCMCIA cards*
PT add-on boards
digital storage
RT add-on boards
firmware
memory expansion boards
semiconductor storage
smart cards
DEU Speicherkarte

memory expansion boards
BT add-on boards
semiconductor storage
PT add-on boards
semiconductor storage
RT memory cards
DEU Speichererweiterungseinheit

memory management
USE storage management

memory management chips
USE storage management chips

memory protocols
BT protocols
storage management
PT protocols
DEU Speicherprotokoll

memoryless systems
BT control systems
RT encoding (general)
identification
information theory
linear systems
nonlinear systems
signal processing
DEU speicherloses System

Memresistor
DEU for memristors

memristors
PT resistors
RT nanoelectronics
phase change memories
resistors
DEU Memresistor

MEMS
USE micromechanical devices

MEMS (mikroelektromechanisches System)
DEU for microelectromechanical systems

MEMS switches
USE microswitches

mendelevium
BT actinides
transuranes
SY *Md (chemical element)*
RT mendelevium compounds
DEU Mendelevium

mendelevium compounds
BT actinide compounds
RT mendelevium
DEU Mendeleviumverbindung

Mendeleviumverbindung
DEU for mendelevium compounds

Mendelevium
DEU for mendelevium

Mengenlehre
DEU for set theory

Mengenplanung
DUS für aggregate planning

Mengenprüfung
DUS für quantity surveying

Mengenregelung
DEU for volume control

Mengenüberwachung
DUS für quantity surveying

Mensch-Computer-Wechselwirkung
DEU for human computer interaction

Mensch-Maschine-System
DEU for man-machine systems

Mensch-Rechner-Wechselwirkung
DUS für human computer interaction

Mensch-Roboter-Wechselwirkung
DEU for human-robot interaction

menschlicher Faktor
DEU for human factors

mentoring
USE employee welfare

menus
USE user interfaces

mercury (metal)
BT metals
SY *Hg (chemical element)*
RT liquid metals
mercury alloys
mercury compounds
DEU Quecksilber

Mercury (planet)
BT planets
PT planets
RT transits
DEU Merkur (Planet)

mercury alloys
BT alloys
PT mercury compounds
RT mercury (metal)
mercury compounds
DEU Quecksilberlegierung

mercury arc rectifiers
BT gas-discharge tubes
power convertors
rectifiers
SY *ignitrons*
mercury-arc rectifier
mercury-arc valve
mercury-vapor rectifier
RT power conversion
DEU Quecksilberdampfgleichrichter

mercury compounds
BT inorganic compounds
RT mercury (metal)
mercury alloys
DEU Quecksilberverbindung

mercury lamps
USE mercury vapour lamps

mercury vapor lamps
USE mercury vapour lamps

mercury vapour lamps
BT metal vapour lamps
SY *Cooper Hewitt lamps*
mercury lamps
mercury vapor lamps
DEU Quecksilberdampflampe

mercury-arc rectifier
USE mercury arc rectifiers

mercury-arc valve
USE mercury arc rectifiers

mercury-manganese stars
USE chemically peculiar stars

mercury-vapor rectifier
USE mercury arc rectifiers

merged-transistor logic
USE integrated injection logic

mergers
USE corporate acquisitions

merging
BT data handling
RT data integration
search problems
sorting
DEU Mischen (Daten)

merit pay
USE incentive schemes

Merkmalsbestimmung
DUS für feature extraction

Merkmalsermittlung
DUS für feature extraction

Merkmalsextrahierung
DUS für feature extraction

Merkmalsextraktion
DUS für feature extraction

Merkmalsextraktionsverfahren
DUS für feature extraction

Merkmalsselektion
DEU for feature selection

Merkur (Planet)
DEU for Mercury (planet)

MESFET
USE Schottky gate field effect transistors

MESFET circuits
BT field effect transistor circuits
NT MESFET integrated circuits
PT field effect transistor circuits
RT Schottky gate field effect transistors
DEU MESFET-Schaltkreis
DSY MESFET-Schaltung

MESFET integrated circuits
BT field effect integrated circuits
MESFET circuits
PT field effect integrated circuits
RT field effect MIMIC
field effect MMIC
DEU integrierte MOSFET-Schaltung
DSY integrierter MOSFET-Schaltkreis

MESFET switches
USE field effect transistor switches

MESFET-Schaltkreis
DEU for MESFET circuits

MESFET-Schaltung
DUS für MESFET circuits

mesh generation
BT finite element analysis
SY *Delaunay triangulation*
PT finite element analysis
DEU Maschenerzeugung (Vernetzung)
DSY Maschengenerierung (Vernetzung)

mesh structures (mechanical)
USE net structures (mechanical)

mesic and muonic atoms
BT hadronic atoms
DEU mesisches und muonisches Atom

mesic and muonic molecules
DEU mesische und muonische Moleküle

mesic atoms
BT hadronic atoms
NT kaonic atoms
pionic atoms
SY *mesonic atoms*
PT mesic and muonic atoms
RT mesic molecules
meson capture
DEU mesisches Atom

mesic molecules
BT exotic molecules
SY *mesonic molecules*
PT mesic and muonic molecules
RT mesic atoms
meson capture
DEU mesisches Molekül

mesische und muonische Moleküle
DEU for mesic and muonic molecules

mesisches Atom
DEU for mesic atoms

mesisches Molekül
DEU for mesic molecules

mesisches und muonisches Atom
DEU for mesic and muonic atoms

mesomorphic state
USE liquid crystals

Meson
DEU for mesons

meson absorption
BT absorption
PT nuclear reactions and scattering due to mesons
RT meson capture
meson-nucleus reactions
mesons
DEU Meson-Absorption

meson capture
BT meson-nucleus reactions
PT nuclear reactions and scattering due to mesons
RT mesic atoms
mesic molecules
meson absorption
radioactivity
DEU Meson-Einfang

meson decay
BT hadron decay
NT kaon decay
meson hadronic decay
meson leptonic decay
pion decay
RT mesons
DEU Meson-Zerfall

meson detection
BT radiation detection
PT meson detection and measurement
RT mesons
radioactivity measurement
DEU Meson-Detektion

meson effects
BT radiation effects
RT mesons
DEU Meson-Wirkung

meson electric moment
BT elementary particle electric moment
PT electric moments
RT mesons
DEU Meson-elektrisches Moment

meson field theory
BT quantum field theory
SY *field theory, meson*
UF *Yukawa potential / meson field theory + nuclear forces*
RT mesons
nuclear forces
DEU Meson-Feldtheorie

meson hadronic decay
BT meson decay
nonleptonic decays
NT kaon hadronic decay
PT meson decay
RT weak hadronic decays
DEU Meson-hadronischer-Zerfall

meson interactions
USE meson-baryon interactions
\+ meson-deuteron interactions
\+ meson-meson interactions
\+ meson-nucleus reactions

meson leptonic decay
BT leptonic decays
meson decay
NT kaon leptonic decay
PT meson decay
DEU Meson-Leptonischer Zerfall

meson magnetic moment
BT elementary particle magnetic moment
RT mesons
DEU Meson-magnetische Moment

meson mass
BT hadron mass
RT mass differences
mass formulae
mesons
DEU Meson-Masse

meson parity
BT hadron parity
PT meson spin and parity
RT meson spin
DEU Meson-Paarigkeit
DSY Meson-Parität

meson photoproduction
BT hadron photoproduction
meson production
PT meson production
DEU Meson-Fotoproduktion
DSY Meson-Lichtproduktion
Meson-Photoproduktion

meson production
BT hadron production
NT kaon production
meson photoproduction
pion production
RT mesons
DEU Meson-Produktion

meson reactions
USE meson-nucleus reactions

meson resonances
BT bosons
hadrons
NT a mesons
B mesons
chi mesons
D mesons
eta meson resonances
f mesons
omega mesons
phi mesons
psi mesons
rho mesons
Upsilon meson resonances
X mesons
UF *glueballs / colour model* + *meson resonances* + *quark confinement*
UF *gluonia / colour model* + *meson resonances* + *quark confinement*
SY *kaon resonances*
quarkonium
resonances, meson
vector mesons
RT beauty particles
charm particles
mesons
DEU Meson-Resonanz

meson scattering
USE meson-baryon scattering
\+ meson-deuteron scattering
\+ meson-meson scattering
\+ meson-nucleus scattering

meson spin
BT hadron spin
PT meson spin and parity
RT isotopic spin (elementary particles)
meson parity
DEU Meson-Spin

Meson-Absorption
DEU for meson absorption

Meson-Atomkern-Streuung
DEU for meson-nucleus scattering

meson-baryon interactions
BT hadron-hadron interactions
NT kaon-baryon interactions
meson-hyperon interactions
meson-nucleon interactions
pion-baryon interactions
UF *meson interactions / meson-baryon interactions* + *meson-deuteron interactions* + *meson-meson interactions* + *meson-nucleus reactions*
PT baryon interactions
meson interactions
RT meson-baryon scattering
meson-nucleus reactions
DEU Meson-Baryon-Wechselwirkung

meson-baryon scattering
BT hadron-hadron scattering
NT kaon-baryon scattering
meson-hyperon scattering
meson-nucleon scattering
pion-baryon scattering
UF *meson scattering / meson-baryon scattering* + *meson-deuteron scattering* + *meson-meson scattering* + *meson-nucleus scattering*
PT baryon scattering

meson scattering
RT meson-baryon interactions
meson-nucleus scattering
DEU Meson-Baryon-Streuung

Meson-Baryon-Streuung
DEU for meson-baryon scattering

Meson-Baryon-Wechselwirkung
DEU for meson-baryon interactions

Meson-Detektion
DEU for meson detection

meson-deuteron interactions
BT hadron-deuteron interactions
NT kaon-deuteron interactions
pion-deuteron interactions
UF *meson interactions / meson-baryon interactions + meson-deuteron interactions + meson-meson interactions + meson-nucleus reactions*
PT deuteron interactions
kaon interactions
meson interactions
pion interactions
RT meson-deuteron scattering
DEU Meson-Deuteron-Wechselwirkung

meson-deuteron scattering
BT hadron-deuteron scattering
NT kaon-deuteron scattering
pion-deuteron scattering
UF *meson scattering / meson-baryon scattering + meson-deuteron scattering + meson-meson scattering + meson-nucleus scattering*
PT deuteron scattering
kaon scattering
meson scattering
pion scattering
RT meson-deuteron interactions
DEU Meson-Deutron-Streuung

Meson-Deuteron-Wechselwirkung
DEU for meson-deuteron interactions

Meson-Deutron-Streuung
DEU for meson-deuteron scattering

Meson-Einfang
DEU for meson capture

Meson-elektrisches Moment
DEU for meson electric moment

Meson-Feldtheorie
DEU for meson field theory

Meson-Fotoproduktion
DEU for meson photoproduction

Meson-hadronischer-Zerfall
DEU for meson hadronic decay

meson-hyperon interactions
BT meson-baryon interactions
NT kaon-hyperon interactions
pion-hyperon interactions
PT meson-baryon interactions
RT meson-hyperon scattering
DEU Meson-Hyperon-Interaktion
DSY Meson-Hyperon-Wechselwirkung

meson-hyperon scattering
BT meson-baryon scattering
NT kaon-hyperon scattering
pion-hyperon scattering
PT meson-baryon scattering
RT meson-hyperon interactions
DEU Meson-Hyperon-Streuung

Meson-Hyperon-Interaktion
DEU for meson-hyperon interactions

Meson-Hyperon-Streuung
DEU for meson-hyperon scattering

Meson-Hyperon-Wechselwirkung
DUS für meson-hyperon interactions

Meson-Leptonischer Zerfall
DEU for meson leptonic decay

Meson-Lichtproduktion
DUS für meson photoproduction

Meson-magnetische Moment
DEU for meson magnetic moment

Meson-Masse
DEU for meson mass

meson-meson interactions
BT hadron-hadron interactions
NT kaon-kaon interactions
pion-kaon interactions
pion-pion interactions
UF *kaon interactions / kaon-baryon interactions + kaon-deuteron interactions + kaon-kaon*

interactions + kaon-nucleus reactions + meson-meson interactions
UF *meson interactions / meson-baryon interactions + meson-deuteron interactions + meson-meson interactions + meson-nucleus reactions*
UF *pion interactions / meson-meson interactions + pion-baryon interactions + pion-deuteron interactions + pion-nucleus reactions + pion-pion interactions*
PT meson interactions
RT meson-meson scattering
DEU Meson-Meson-Wechselwirkung

meson-meson scattering
BT hadron-hadron scattering
NT kaon-kaon scattering
pion-kaon scattering
pion-pion scattering
UF *kaon scattering / kaon-baryon scattering + kaon-deuteron scattering + kaon-kaon scattering + kaon-nucleus scattering + meson-meson scattering*
UF *meson scattering / meson-baryon scattering + meson-deuteron scattering + meson-meson scattering + meson-nucleus scattering*
UF *pion scattering / meson-meson scattering + pion-baryon scattering + pion-deuteron scattering + pion-nucleus scattering + pion-pion scattering*
PT meson scattering
RT meson-meson interactions
DEU Meson-Meson-Streuung

Meson-Meson-Streuung
DEU for meson-meson scattering

Meson-Meson-Wechselwirkung
DEU for meson-meson interactions

Meson-Nuclean-Wechselwirkung
DEU for meson-nucleon interactions

meson-nucleon interactions
BT meson-baryon interactions
NT kaon-nucleon interactions
pion-nucleon interactions
PT meson-baryon interactions
RT meson-nucleon scattering
DEU Meson-Nuclean-Wechselwirkung

meson-nucleon scattering
BT meson-baryon scattering
NT kaon-nucleon scattering
pion-nucleon scattering
PT meson-baryon scattering
RT meson-nucleon interactions
DEU Meson-Nucleon-Streuung

Meson-Nucleon-Reaktion
DEU for meson-nucleus reactions

Meson-Nucleon-Streuung
DEU for meson-nucleon scattering

meson-nucleus reactions
BT hadron-nucleus reactions
NT kaon-nucleus reactions
meson capture
pion-nucleus reactions
UF *meson interactions / meson-baryon interactions + meson-deuteron interactions + meson-meson interactions + meson-nucleus reactions*
SY *meson reactions*
PT nuclear reactions and scattering due to mesons
RT meson absorption
meson-baryon interactions
DEU Meson-Nucleon-Reaktion

meson-nucleus scattering
BT hadron-nucleus scattering
NT kaon-nucleus scattering
pion-nucleus scattering
UF *meson scattering / meson-baryon scattering + meson-deuteron scattering + meson-meson scattering + meson-nucleus scattering*
PT nuclear reactions and scattering due to mesons
RT meson-baryon scattering
DEU Meson-Atomkern-Streuung

Meson-Paarigkeit
DEU for meson parity

Meson-Parität
DUS für meson parity

Meson-Photoproduktion
DUS für meson photoproduction

Meson-Produktion
DEU for meson production

Meson-Resonanz
DEU for meson resonances

Meson-Spin
DEU for meson spin

Meson-Wirkung
DEU for meson effects

Meson-Zerfall
DEU for meson decay

mesonic atoms
USE mesic atoms

mesonic molecules
USE mesic molecules

mesons
BT bosons
hadrons
NT cosmic ray mesons
eta mesons
kaons
pions
RT meson absorption
meson decay
meson detection
meson effects
meson electric moment
meson field theory
meson magnetic moment
meson mass
meson production
meson resonances
DEU Meson

mesopause
USE mesosphere
\+ thermosphere

mesoporous materials
BT porous materials
PT porous materials
RT catalysts
nanoporous materials
porous semiconductors
DEU mittelporöser Material
DSY mittelporöser Werkstoff

mesoscopic systems
PT quantum interference phenomena
RT Aharonov-Bohm effect
ballistic transport
Coulomb blockade
electron waveguides
persistent currents
quantum interference phenomena
resonant tunnelling
semiconductor doped glasses
semiconductor quantum dots
semiconductor quantum wells
semiconductor quantum wires
single electron devices
DEU mesoskopisches System

mesoskopisches System
DEU for mesoscopic systems

Mesosphäre
DEU for mesosphere

mesosphere
BT upper atmosphere
NT noctilucent clouds
UF *mesopause / mesosphere + thermosphere*
UF *stratopause / mesosphere + stratosphere*
PT upper atmosphere
RT thermosphere
DEU Mesosphäre

message authentication
BT security of data
NT digital signatures
PT security of data
RT authorisation
computer network security
cryptographic protocols
private key cryptography
public key cryptography
telecommunication security
DEU Nachrichtenauthentifikation

message complexity
USE communication complexity

message handling
USE electronic messaging

message passing
BT distributed processing
UF *MPI / application program interfaces + message passing*
UF *publish/subscribe systems / message passing + middleware*
PT distributed processing
RT multiprocessing programs
network operating systems
DEU Message-Passing

message switching
BT time division multiplexing
PT time division multiplexing
RT computer networks

data communication
electronic messaging
DEU Nachrichtenvermittlung

Message-Passing
DEU for message passing

messaging, electronic
USE electronic messaging

Messbrücke
DEU for bridge instruments

Messeinrichtung
DEU for meters

Messen (Abmessung)
DEU for measurement

Messen (Größen)
DUS für metering

Messen akustischer Größen
DEU for acoustic variables measurement

Messen chemischer Größen
DEU for chemical variables measurement

Messen der Charakteristik
DUS für characteristics measurement

Messen der Eigenschaften
DUS für characteristics measurement

Messen der Elastizitätskonstanten
DEU for elastic constant measurement

Messen der elektrischen Immitanz
DEU for electric immittance measurement

Messen der elektrischen Impedanz
DEU for electric impedance measurement

Messen der elektrischen Leitfähigkeit
DEU for electrical conductivity measurement

Messen der Geschwindigkeit akustischer Wellen
DEU for acoustic wave velocity measurement

Messen der Geschwindigkeit von Schallwellen
DUS für acoustic wave velocity measurement

Messen der Luftschadstoffe
DUS für air pollution measurement

Messen der Luftverschmutzung
DUS für air pollution measurement

Messen der magnetischen Permeabilität
DEU for magnetic permeability measurement

Messen der partiellen Entladung
DEU for partial discharge measurement

Messen der Radioaktivität
DEU for radioactivity measurement

Messen der Radiofrequenz
DEU for radiofrequency measurement

Messen der thermischen Leitfähigkeit
DEU for thermal conductivity measurement

Messen der Ultraschallgeschwindigkeit
DEU for ultrasonic velocity measurement

Messen der Wasserverschmutzung
DEU for water pollution measurement

Messen der Wasserverunreinigung
DUS für water pollution measurement

Messen des Elastizitätsmoduls
DUS für elastic moduli measurement

Messen des elektrischen Feldes
DUS für electric field measurement

Messen des elektrischen Rauschens
DEU for electric noise measurement

Messen des elektrischen Widerstands
DUS für electrical conductivity measurement

Messen des optischen Verlustes
DEU for optical loss measurement

Messen des Scheinwiderstandes
DEU for electric admittance measurement

Messen dielektrischer Verluste
DUS für dielectric loss measurement

Messen elektrischer Größen
DEU for electric variables measurement

Messen integrierter Schaltkreise
DEU for integrated circuit measurement

Messen magnetischer Größen
DEU for magnetic variables measurement

Messen mechanischer Größen
DEU for mechanical variables measurement

Messen mechanischer Schwingungen
DEU for vibration measurement

Messen mechanischer Variablen
DUS für mechanical variables measurement

Messen mit Ultraschall
DEU for ultrasonic measurement

Messen optischer Größen
DEU for optical variables measurement

Messen optischer Größen
DUS für refractive index measurement

Messen räumlicher Größen
DEU for spatial variables measurement

Messen thermischer Größen
DEU for thermal variables measurement

Messen von Ultraschallgrößen
DEU for ultrasonic variables measurement

Messen von Ultraschallvariablen
DUS für ultrasonic variables measurement

Messfehler
DEU for measurement errors

Messgerät
DUS für meters

Messing
DEU for brass

Messinglegierung
DUS für brass

Messnorm
DEU for measurement standards

Messnormal
DUS für measurement standards

Messschaltung
DUS für detector circuits

Messstandard
DUS für measurement standards

Messstreifen
DEU for strain gauges

Messsystem
DEU for measurement systems

Messtheorie
DEU for measurement theory

Messung
DUS für measurement

Messung akustischen Rauschens
DUS für acoustic noise measurement

Messung der Charakteristik
DUS für characteristics measurement

Messung der Luftschadstoffe
DUS für air pollution measurement

Messung der Luftverschmutzung
DUS für air pollution measurement

Messung der thermischen Leitfähigkeit
DUS für thermal conductivity measurement

Messung der Ultraschallgeschwindigkeit
DUS für ultrasonic velocity measurement

Messung des magnetischen Feldes
DUS für magnetic field measurement

Messung mit Ultraschall
DUS für ultrasonic measurement

Messung räumlicher Variablen
DEU for spatial variables control

Messungenauigkeit
DEU for measurement uncertainty

Messunsicherheit
DUS für measurement uncertainty

Messverstärker
DUS für instrumentation amplifiers

Messwandler
DEU for instrument transformers

Messwesen
DEU for metrology

meta data
BT database management systems
SY *metadata*
RT data integration
data models
data warehouses
database theory
digital preservation
semantic Web
XML
DEU Metadaten

metacomputing
BT distributed processing
NT grid computing
PT distributed memory systems
distributed processing
RT distributed memory systems
volunteer computing
DEU Metacomputing

Metacomputing
DEU for metacomputing

metadata
USE meta data

Metadaten
DEU for meta data

metal arc gas welding
USE arc welding

metal base transistors
USE bipolar transistors

metal clusters
SY *clusters, metal*
RT atomic clusters
metals
nanoparticles
nucleation
thin films
DEU Metall-Cluster

metal detectors
BT sensors
RT buried object detection
electromagnetic induction
landmine detection
object detection
security
DEU Metalldetektor
DSY Metallsuchgerät

metal foams
BT foams
SY *cellular metals*
PT foams
RT honeycomb structures
lightweight structures
metals
porous materials
DEU Metallschaum

metal halide lamps
USE metal vapour lamps

metal inert gas welding
USE arc welding

metal matrix composites, fibre reinforced
USE fibre reinforced composites

metal matrix composites, particle reinforced
USE particle reinforced composites

metal product industries
BT manufacturing industries
PT metallurgical industries
steel industry
RT metal products
metallurgical industries
DEU Metallverarbeitungsindustrie

metal products
BT manufactured products
RT ball bearings
metal product industries
metallurgy
metals
DEU Metallerzeugnis
DSY Metallware

metal refining
BT metallurgy
refining
NT electrowinning
SY *hydrometallurgy*
DEU Raffination (Metallurgie)
DSY Raffinieren (Metallurgie)
Raffinierung (Metallurgie)

metal semiconductor field effect transistors
USE Schottky gate field effect transistors

metal stamping
BT forming processes
metallurgy
SY *stamping (metals)*
RT dies (machine tools)
metalworking
punching
sheet metal processing
DEU Metallstanzen

metal theory
SY *electron theory of metals*
RT alloys
band structure
electron gas
Fermi surface
jellium
metals
plasmons
surface states
DEU Metalkunde
DSY Metalltheorie

metal vapor lamps
USE metal vapour lamps

metal vapour lamps
BT discharge lamps
NT mercury vapour lamps
SY *metal halide lamps*
metal vapor lamps
PT lamps
DEU Metalldampflampe

metal working
USE metalworking

metal-ferroelectric-insulator-semiconductor structures
USE MFIS structures

metal-glass seals
USE glass-metal seals

metal-insulator boundaries
BT interface phenomena
SY *insulator-metal boundaries*
RT MIM structures
DEU Metall-Isolator-Grenze

metal-insulator transition
BT electrical conductivity transitions
energy states
UF *Anderson transition / Anderson model* + *metal-insulator transition*
SY *Mott transition*
UF *semiconductor-metal transition / electrical conductivity transitions* +
metal-insulator transition
SY *Verwey transition*
PT electrical conductivity of solids
RT Anderson model
colossal magnetoresistance
magnetic semiconductors
minimum metallic conductivity
one-dimensional conductivity
Peierls instability
Wigner crystal
DEU Metall-Isolator-Übergang

metal-insulator-metal devices
USE MIM devices

metal-insulator-metal structures
USE MIM structures

metal-insulator-semiconductor capacitors
USE MIS capacitors

metal-insulator-semiconductor devices
USE MIS devices

metal-insulator-semiconductor field effect transistors
USE MISFET

metal-insulator-semiconductor structures
USE MIS structures

metal-oxide-semiconductor capacitors
USE MOS capacitors

metal-oxide-semiconductor devices
USE MIS devices

metal-oxide-semiconductor field effect transistors
USE MOSFET

metal-oxide-semiconductor structures
USE MIS structures

metal-oxide-semiconductor-controlled thyristors
USE MOS-controlled thyristors
DEU Metalloxidthyristor (Halbleitergesteuert)

metal-semiconductor boundaries
USE semiconductor-metal boundaries

metal-semiconductor-metal structures
BT interface phenomena
PT semiconductor-metal boundaries
RT semiconductor-metal boundaries
DEU Metall-Halbleiter-Metall-Struktur

Metalkunde
DEU for metal theory

Metall
DEU for metals

Metall-Cluster
DEU for metal clusters

Metall-Ferroelektro-Isolator-Halbleiter-Struktur
DEU for MFIS structures

Metall-Halbleiter-Metall-Struktur
DEU for metal-semiconductor-metal structures

Metall-Isolator-Grenze
DEU for metal-insulator boundaries

Metall-Isolator-Übergang
DEU for metal-insulator transition

Metallbearbeitung
DEU for metalworking

Metallbearbeitungsmaschine
DEU for metalworking machines

Metalldampflampe
DEU for metal vapour lamps

Metalldetektor
DEU for metal detectors

Metallerzeugnis
DEU for metal products

metallic epitaxial layers
BT epitaxial layers
metallic thin films
PT metallic thin films
DEU metallische Epitaxialschicht

metallic glass structure
USE glass structure
\+ metallic glasses

metallic glasses
BT glass
UF *metallic glass structure / glass structure + metallic glasses*
SY *Metglas*
PT alloys
vitreous state
RT alloys
amorphous magnetic materials
melt spinning
metallic thin films
metals
soft magnetic materials
splat cooling
vitreous state
DEU metallische Glas

metallic hydride stars
USE dwarf stars

metallic superlattices
BT superlattices
SY *multilayers, compositionally modulated metallic*
PT superlattices
RT giant magnetoresistance
magnetic multilayers
metallic thin films
DEU metallisches Supergitter

metallic thin films
BT thin films
NT discontinuous metallic thin films
metallic epitaxial layers
PT thin films
RT metallic glasses
metallic superlattices
metallisation
metals
plasmonics
DEU metallische Dünnschicht

metallic-line stars
USE chemically peculiar stars

metallisation
NT integrated circuit metallisation
semiconductor device metallisation
SY *metallization*
RT coating techniques
decorative coatings
diffusion barriers
electrodeposition
integrated circuit technology
metallic thin films
semiconductor technology
DEU Metallisieren
DSY Metallisierung

metallische Dünnschicht
DEU for metallic thin films

metallische Epitaxialschicht
DEU for metallic epitaxial layers

metallische Glas
DEU for metallic glasses

metallisches Supergitter
DEU for metallic superlattices

Metallisieren
DEU for metallisation

Metallisieren integrierter Schaltungen
DEU for integrated circuit metallisation

Metallisierung
DUS für metallisation

metallization
USE metallisation

metallo-organic compounds
USE organometallic compounds

metallocenes
USE organometallic compounds

Metallografie
DEU for metallography

Metallographie
DUS für metallography

metallography
PT metallurgy
RT crystal microstructure
electron microscopy
etching
fractography
metallurgy
metals
optical microscopy
polishing
radiography
replica techniques
specimen preparation
DEU Metallografie
DSY Metallographie

metalloides
USE semimetals

metallorganische chemische Verdampfungsablagerung
DEU for MOCVD

metallorganische chemische Verdampfungsablagerung (MOCVD)
DUS für MOCVD

metallorganische CVD-Beschichtung
DEU for MOCVD coatings

metallorganische Gasphasenepitaxie
DUS für MOCVD

metallorganische Verbindung
DEU for organometallic compounds

Metalloxidthyristor (Halbleitergesteuert)
DEU for metal-oxide-semiconductor-controlled thyristors

Metallschaum
DEU for metal foams

Metallstanzen
DEU for metal stamping

Metallsuchgerät
DUS für metal detectors

Metalltheorie
DUS für metal theory

metallurgical industries
BT manufacturing industries
NT aluminium industry
steel industry
RT billets
blast furnaces
casting
forging
galvanising
ingots
metal product industries
metallurgy
rolling mills
smelting
DEU Metallurgie (Industrie)
DSY metallurgische Industrie

Metallurgie (Industrie)
DEU for metallurgical industries

Metallurgie (Wissenschaft)
DEU for metallurgy

metallurgische Industrie
DUS für metallurgical industries

metallurgy
BT materials science
NT metal refining
metal stamping
powder metallurgy
RT ageing

alloys
crystal microstructure
deformation
electric properties
hardening
heat treatment
materials testing
mechanical properties
metal products
metallography
metallurgical industries
metals
metalworking
phase diagrams
phase transformations
physical chemistry
precipitation
recrystallisation
surface treatment
zone refining
DEU Metallurgie (Wissenschaft)

Metallverarbeitungsindustrie
DEU for metal product industries

Metallware
DUS für metal products

metalorganic chemical vapour deposition
USE MOCVD

metalorganic compounds
USE organometallic compounds

metalorganic molecular beam epitaxy
USE chemical beam epitaxial growth

metals
BT elements (chemical)
NT actinides
alkali metals
alkaline earth metals
aluminium
bimetals
cadmium
gallium
indium
lead
liquid metals
mercury (metal)
rare earth metals
tellurium
thallium
tin
transactinides
transition metals
zinc
RT alloys
conducting materials
crystals
filler metals
inorganic compounds
metal clusters
metal foams
metal products
metal theory
metallic glasses
metallic thin films
metallography
metallurgy
scrap metal
semiconductor-metal boundaries
semimetals
DEU Metall

metalworking
BT manufacturing processes
SY *metal working*
PT manufacturing processes
metallurgy
RT bending
blanking
cold working
crystal microstructure
drawing (mechanical)
forging
forming processes
hot working
metal stamping
metallurgy
metalworking machines
sheet metal processing
swaging
DEU Metallbearbeitung

metalworking machines
BT machine tools
PT machine tools
RT cutting tools
metalworking
DEU Metallbearbeitungsmaschine

metamagnetism
BT magnetism
PT antiferromagnetism
ferromagnetism
RT ferromagnetic-antiferromagnetic transitions
DEU Metamagnetismus

Metamagnetismus
DEU for metamagnetism

Metamaterial
DEU for metamaterials

metamaterial antennas
BT antennas
UF *nanophotonic antennas / metamaterial antennas + nanophotonics*
UF *plasmonic antennas / metamaterial antennas + plasmonics*
PT antennas
metamaterials
RT antenna radiation patterns
electromagnetic metamaterials
leaky wave antennas
metamaterials
microstrip antennas
microwave antennas
microwave metamaterials
terahertz metamaterials
DEU Metamaterial-Antenne
DSY Metamaterialantenne

Metamaterial-Antenne
DEU for metamaterial antennas

Metamaterialantenne
DUS für metamaterial antennas

metamaterials
BT materials
periodic structures
NT acoustic metamaterials
auxetics
electromagnetic metamaterials
SY *double negative materials*
left-handed materials
negative index materials
negative refractive index materials
RT chirality
earthquake engineering
invisibility cloaks
metamaterial antennas
microwave materials
nanocomposites
optical materials
photonic crystals
refractive index
DEU Metamaterial

metastabiler Zustand
DEU for metastable states

metastable states
BT excited states
SY *atomic metastable states*
molecular metastable states
PT atomic metastable states
molecular metastable states
RT resonant states
Rydberg states
triplet state
DEU metastabiler Zustand

Meteor
DEU for meteors

meteor burst communication
BT radiocommunication
SY *meteor scatter communications*
PT meteor burst communications
RT radio links
DEU Meteor-Burst-Kommunikation
DSY Meteor-Impulsbündel-Kommunikation
Meteorimpuls-Nachrichtenwesen
Meteorscatter
Meteorspurüberreichweitenkommunikation

meteor scatter communications
USE meteor burst communication

meteor trails
USE meteors

Meteor-Burst-Kommunikation
DEU for meteor burst communication

Meteor-Impulsbündel-Kommunikation
DUS für meteor burst communication

Meteorimpuls-Nachrichtenwesen
DUS für meteor burst communication

Meteorioid
DEU for meteoroids

Meteorit
DEU for meteorites

meteorite craters
SY *astroblemes*
craters
impact craters
impact structures
PT meteorites
RT geophysical catastrophes
meteorites
planetary surfaces
tektites
DEU Meteoritenkrater

Meteoritenkrater
DEU for meteorite craters

meteorites
NT micrometeorites
SY *chondrites*
RT asteroids
comets
interplanetary matter
meteorite craters
meteoroids
meteors
tektites
DEU Meteorit

meteoroids
SY *micrometeoroids*
PT meteorites
meteors
RT asteroids
comets
cosmic dust
interplanetary matter
meteorites
meteors
space debris
DEU Meteorioid

meteorological instruments
BT atmospheric measuring apparatus
NT anemometers
barometers
hygrometers
SY *raingauges*
RT meteorology
DEU meteorologisches Instrument

meteorological radar
BT meteorology
radar
SY *weather radar*
PT meteorology
RT atmospheric measuring apparatus
atmospheric techniques
remote sensing by radar
weather forecasting
DEU meteorologisches Radar

Meteorologie
DEU for meteorology

meteorologisches Instrument
DEU for meteorological instruments

meteorologisches Radar
DEU for meteorological radar

meteorology
BT terrestrial atmosphere
NT meteorological radar
monsoons
storms
weather forecasting
weather modification
UF *anticyclones / atmospheric movements* + *meteorology*
UF *cyclones / atmospheric movements* + *meteorology*
SY *weather*
RT atmospheric humidity
atmospheric precipitation
climatology
data assimilation
fog
geophysics
meteorological instruments
DEU Meteorologie

meteors
SY *fireballs (meteoric)*
meteor trails
RT meteorites
meteoroids
terrestrial atmosphere
DEU Meteor

Meteorscatter
DUS für meteor burst communication

Meteorspurüberreichweitenkommunikation
DUS für meteor burst communication

metering
NT standing wave meters
volt-ampere meters
watthour meters
wattmeters
RT asynchronous transfer mode
coin operated equipment
instruments
meters
power meters
power utilisation
telemetry
DEU Ablesen (Zähler)
DSY Messen (Größen)

meters
BT instruments
NT accelerometers
altimeters
ammeters
barometers
calorimeters

chronometers
dosimeters
dynamometers
electrometers
extensometers
flowmeters
fluxmeters
frequency meters
galvanometers
goniometers
gravimeters
hydrometers
hygrometers
level meters
magnetometers
manometers
multimeters
ohmmeters
phase meters
photometers
potentiometers
power meters
pyrometers
Q-meters
radiometers
reflectometers
seismometers
smart meters
sound-level meters
standing wave meters
tachometers
torquemeters
velocimeters
viscometers
volt-ampere meters
voltmeters
watthour meters
wattmeters
wavemeters
PT metering
RT indicators
measurement systems
metering
DEU Messeinrichtung
DSY Messgerät
Zähler

Metglas
USE metallic glasses

method of lines
BT transmission line theory
PT transmission line theory
RT numerical analysis
waveguide theory
DEU Reihenmethode

method of moments
BT numerical analysis
SY *moment methods*
RT electric field integral equations
integral equations
integration
magnetic field integral equations
DEU Impulsmethode
DSY Methode des Moments

Methode
DEU for technology

Methode der finiten Elemente
DUS für finite element analysis

Methode der kleinsten Quadrate
DEU for least squares approximations

Methode des konjugierten Gradienten
DEU for conjugate gradient methods

Methode des kritischen Weges
DEU for critical path analysis

Methode des letzten mittleren Quadrates
DEU for least mean squares methods

Methode des mittleren quadratischen Fehlers
DEU for mean square error methods

Methode des Moments
DUS für method of moments

metrology
USE measurement
DEU Messwesen

metropolitan area networks
BT computer networks
NT WiMax
UF *distributed queue dual bus / access protocols + metropolitan area networks*
UF *DQDB / access protocols + metropolitan area networks*
SY *MAN*
PT computer networks
RT internetworking
LAN interconnection
local area networks
token networks
DEU Großstadtnetzwerk

MF radio propagation
USE radiowave propagation

MFIE
USE magnetic field integral equations

MFIS structures
BT interface phenomena
SY *metal-ferroelectric-insulator-semiconductor structures*
PT MIS structures
RT ferroelectric storage
ferroelectric thin films
MIS structures
MISFET
DEU Metall-Ferroelektro-Isolator-Halbleiter-Struktur
DSY MFIS-Struktur

MFIS-Struktur
DUS für MFIS structures

MFM
USE magnetic force microscopy

MFSK
USE frequency shift keying

Mg (chemical element)
USE magnesium
DEU Mg (chemisches Element)

Mg (chemisches Element)
DEU for Mg (chemical element)

MHD
USE magnetohydrodynamics

MHD converters
USE magnetohydrodynamic convertors

MHD convertors
USE magnetohydrodynamic convertors

MHD generators
USE magnetohydrodynamic convertors

MHD power plants
USE magnetohydrodynamic power plants

MHD-Energieumwandlung
DUS für magnetohydrodynamic conversion

MHD-Konverter
DUS für magnetohydrodynamic convertors

MHD-Kraftwerk
DUS für magnetohydrodynamic power plants

MHD-Welle
DUS für magnetohydrodynamic waves

mica
BT insulating materials
minerals
SY *biotite*
muscovite
RT capacitors
DEU Glimmer

mice
USE mouse controllers (computers)

micelle systems
USE colloids

Michelson interferometers
BT light interferometers
PT light interferometers
RT fibre optic sensors
DEU Michelson-Interferometer

Michelson-Interferometer
DEU for Michelson interferometers

Micro Channel Architecture
USE system buses

micro total analysis systems
USE chemical analysis

micro-channel plates
USE microchannel plates

micro-fluidics
USE microfluidics

micro-mainframe links
USE inter-computer links

micro-optical components
USE micro-optics

micro-optics
BT optics
NT micro-optomechanical devices
microcavity lasers
microchip lasers
microdisc lasers
microlenses
micromirrors
SY *micro-optical components*
micro-photonics

microoptics
microphotonics
RT integrated optics
integrated optoelectronics
microcavities
microdisplays
microfabrication
micromechanical devices
microswitches
nanophotonics
optical fabrication
replica techniques
DEU Mikrooptik

micro-opto-electro-mechanical devices
USE micro-optomechanical devices

micro-optomechanical devices
BT micro-optics
micromechanical devices
SY *micro-opto-electro-mechanical devices*
MOEMS
PT micro-optics
micromechanical devices
RT integrated optics
integrated optoelectronics
micromachining
optical fabrication
DEU mikro-optomechanische Gerät
DSY mikrooptomechanisches Gerät

micro-photonics
USE micro-optics

microactuators
BT electric actuators
micromechanical devices
NT electrostatic actuators
PT electric actuators
micromechanical devices
RT electroactive polymer actuators
electromagnetic actuators
electrostatic devices
electrostatic motors
magnetic actuators
microfluidics
micromanipulators
micropositioning
micropumps
microrelays
microrobots
microsensors
microvalves
DEU Mikroaktor

microanalysis
USE chemical analysis

microarrays (biological)
USE lab-on-a-chip

microassembling
BT assembling
NT lead bonding
SY *die attach*
die bonding
PT assembling
RT electron device manufacture
integrated circuit bonding
integrated circuit manufacture
micromachining
semiconductor technology
DEU Mikrofügen

microbalances
BT balances
NT quartz crystal microbalances
PT balances
RT crystal resonators
microsensors
DEU Mikrowaage

microbes
USE microorganisms

microbial electrolysis cells
BT electrolytic devices
UF *regenerative fuel cells / electrolytic devices* + *fuel cells* + *microbial electrolysis cells* + *solid oxide electrolysis cells*
PT electrolytic devices
RT biochemistry
bioreactors
biotechnology
cells (electric)
electrochemical electrodes
electrolysis
electrolytes
hydrogen production
microbial fuel cells
microorganisms
DEU Mikrobenelektrolysezelle
DSY mikrobielle Elektrolysezelle

microbial fuel cells
BT fuel cells
PT fuel cells
RT biochemistry
biotechnology
enzymatic fuel cells
fuel cell power plants
membranes

microbial electrolysis cells
microorganisms
organic compounds
wastewater
DEU mikrobielle Brennstoffzelle

microbial hydrometallurgy
USE biotechnology
\+ mineral processing

microbridges, superconducting
USE superconducting microbridges

microcalorimeters
USE calorimeters

microcantilevers
USE cantilevers
\+ micromechanical devices

microcassette recorders
USE audio tape recorders

microcavities
UF *microresonators / microcavities + micromechanical resonators*
SY *semiconductor microcavities*
RT cavity resonators
light emitting diodes
micro-optics
microcavity lasers
optical resonators
photoluminescence
photonic band gap
semiconductor quantum dots
semiconductor quantum wells
spontaneous emission
whispering gallery modes
DEU Mikrohohlraum

microcavity lasers
BT laser cavity resonators
micro-optics
PT laser cavity resonators
RT microcavities
microchip lasers
microdisc lasers
quantum well lasers
semiconductor lasers
surface emitting lasers
DEU Mikroschichtlaser

microcellular radio
BT cellular radio
PT cellular radio
RT indoor radio
personal communication networks
radiowave propagation
DEU mikrozellularer Funk
DSY mikrozellulares Radio

microchannel flow
BT channel flow
microfluidics
PT channel flow
microfluidics
RT micropumps
DEU Mikrokanalströmung

microchannel plates
BT image intensifiers
SY *MCP*
micro-channel plates
PT image intensifiers
RT phototubes
DEU Kanalplattenverstärker
DSY Mikrokanalplatte

microchemical analysis
USE chemical analysis

microchip lasers
BT micro-optics
solid lasers
PT solid lasers
RT microcavity lasers
DEU Mikrochiplaser

microcircuits
USE integrated circuits

microcode
USE firmware

microcomputer applications
BT computer applications
DEU Mikrocomputeranwendung
DSY Mikrorechneranwendung

microcomputer boards
USE microcomputers

microcomputer chips
USE microprocessor chips

microcomputer development systems
USE development systems

microcomputer-mainframe links
USE inter-computer links

microcomputers
BT digital computers
NT development systems
IBM compatible machines
network computers

portable computers
SY *board computers*
desk-top computers
microcomputer boards
microprocessor systems
personal computers
single-board computers
table-top computers
PT general purpose computers
RT Acorn computers
ACT computers
Amstrad computers
Apple computers
Atari computers
Commodore computers
Compaq computers
DEC computers
Dragon computers
electronic calculators
engineering workstations
Epson computers
executive workstations
Hewlett Packard computers
IBM computers
ICL computers
large scale integration
mainframes
microprocessor chips
microprogramming
minicomputers
NCR computers
NEC computers
Oric computers
Osborne computers
personal computing
Prime computers
Radio Shack computers
Sharp computers
Sinclair computers
Texas Instruments computers
Toshiba computers
transputers
trusted computing
Unisys computers
Wang computers
workstations
DEU Mikrocomputer
DSY Mikrorechner

microcontact printing
USE soft lithography

microcontrollers
BT microprocessor chips
PT microprocessor chips
RT controllers
neurocontrollers
storage management chips
system-on-chip
DEU Mikroregler

microcracks
BT cracks
micromechanics
PT cracks
DEU Mikroriss

microdisc lasers
BT lasers
micro-optics
SY *microdisk lasers*
PT laser cavity resonators
RT laser cavity resonators
microcavity lasers
quantum well lasers
semiconductor lasers
DEU Mikrodisklaser

microdisk lasers
USE microdisc lasers

microdisplays
BT display devices
PT liquid crystal displays
RT colour displays
liquid crystal displays
liquid crystal on silicon
micro-optics
DEU Mikroanzeigeelement
DSY Mikrodisplay

microdosimetry
USE dosimetry

microeconomics
BT economics
NT economies of scale
industrial economics
PT economic cybernetics
economics
RT bankruptcy
economic cybernetics
monopoly
oligopoly
supply and demand
DEU Mikroökonomie

microelectrodes
BT electrodes
RT biological techniques
biomedical electrodes
probes
DEU Mikroelektrode

microelectromechanical systems
USE micromechanical devices
DEU MEMS (mikroelektromechanisches System)

microelectronics
USE integrated circuits

microemulsions
BT emulsions
PT emulsions
RT soft matter
surfactants
DEU Mikroemulsion

microfabrication
BT production
NT micromachining
PT micromachining
RT biological techniques
elemental semiconductors
etching
laser beam machining
laser materials processing
micro-optics
microfluidics
micromechanical devices
microsensors
nanofabrication
nanotechnology
optical fabrication
photolithography
silicon
sputter etching
DEU Mikrofertigung

microfiche
USE microforms

microfilm
USE microforms

microfilming
USE microphotography
DEU Mikroverfilmung

microfiltration
BT filtration
UF *microsieves / microfiltration + molecular sieves*
PT filtration
RT chemical technology
membranes
molecular sieves
separation
DEU Mikrofiltration

microfluidics
BT fluidics
micromechanical devices
NT microchannel flow
SY *micro-fluidics*
PT fluidic devices
micromechanical devices
micropumps
RT bioMEMS
electropneumatic control equipment
flow control
fluidic devices
lab-on-a-chip
microactuators
microfabrication
micropumps
microreactors
microvalves
nanofluidics
DEU Mikrofluidik

microforms
BT computer applications
SY *aperture cards*
microfiche
microfilm
RT computer output to microfilm
information science
microphotography
publishing
DEU Mikroform

microgravity experiments
USE zero gravity experiments

microgrid
USE distributed power generation

microgrippers
USE grippers
\+ micromanipulators

microhardness
BT hardness
micromechanics
PT hardness
RT abrasion
brittleness
hardening
hardness testing
indentation
wear
DEU Mikrohärte

microlenses
BT lenses
micro-optics
PT lenses
RT optical arrays
DEU Mikrolinse

microlensing
USE gravitational lenses

micromachines
USE micromechanical devices
+ small electric machines

micromachining
BT machining
microfabrication
RT electrochemical machining
embossing
etching
focused ion beam technology
integrated circuit technology
laser beam machining
LIGA
micro-optomechanical devices
microassembling
micromechanical devices
moulding
replica techniques
semiconductor technology
stiction
DEU Mikrobearbeitung

micromagnetics
BT magnetism
RT coercive force
exchange interactions (electron)
magnetic anisotropy
magnetic domains
magnetic thin films
magnetisation
magnetisation reversal
DEU Mikromagnet

micromanipulators
BT manipulators
micromechanical devices
microrobots
UF *microgrippers / grippers + micromanipulators*
PT industrial manipulators
manipulators
micromechanical devices
RT force control
microactuators
position control
DEU Mikromanipulator

micromanometers
USE manometers

micromechanical devices
NT bioMEMS
micro-optomechanical devices
microactuators
microfluidics
micromanipulators
micromechanical resonators
micromotors
micropumps
microrobots
microsensors
microswitches
microvalves
SY *MEMS*
UF *microcantilevers / cantilevers + micromechanical devices*
SY *microelectromechanical systems*
UF *micromachines / micromechanical devices + small electric machines*
UF *micromechatronics / mechatronics + micromechanical devices*
SY *microsystems*
RT cantilevers
compliant mechanisms
electric actuators
electric sensing devices
electromechanical actuators
energy harvesting
integrated circuit technology
LIGA
mechatronics
micro-optics
microfabrication
micromachining
monolithic integrated circuits
nanoelectromechanical devices
nanotechnology
pressure sensors
semiconductor technology
small electric machines
transducers
DEU mikromechanisches Bauelement
DSY mikromechanisches Gerät

micromechanical resonators
BT micromechanical devices
resonators
UF *microresonators / microcavities + micromechanical resonators*
PT micromechanical devices
RT crystal resonators
pressure sensors
UHF resonators
DEU mikromechanischer Resonator

micromechanics
BT mechanics
NT microcracks
microhardness
RT composite material interfaces
fracture mechanics
nanoindentation
nanomechanics
stress-strain relations
DEU Mikromechanik

micromechatronics
USE mechatronics
\+ micromechanical devices

micrometeorites
BT meteorites
PT meteorites
RT interplanetary matter
DEU Mikrometeorit

micrometeoroids
USE meteoroids

micrometers
USE micrometry

micrometry
SY *micrometers*
RT distance measurement
interferometry
length measurement
strain gauges
thickness measurement
DEU Mikrometrie

micromirrors
BT micro-optics
mirrors
SY *digital micromirror devices*
PT micro-optics
mirrors
RT optical arrays
optical projectors
DEU Mikrospiegel

micromotors
BT electric motors
micromechanical devices
small electric machines
NT electrostatic motors
PT micromechanical devices
small electric machines
DEU Mikromotor

microoptics
USE micro-optics

microorganisms
UF *algal biofuel / aquaculture* +
biofuel + *microorganisms*
SY *bacteria*
microbes
phytoplankton
plankton
viruses, microorganisms
zooplankton
RT biohazards
cellular biophysics
extraterrestrial life
microbial electrolysis cells
microbial fuel cells
molecular biophysics
plant diseases
sterilisation (microbiological)
DEU Mikroorganismus

microphone arrays
BT acoustic transducer arrays
microphones
PT acoustic transducer arrays
microphones
RT acoustic signal processing
array signal processing
direction-of-arrival estimation
DEU Mikrofonanordnung
DSY Mikrofonfeld
Mikrofongruppe
Mikrophonanordnung
Mikrophonfeld
Mikrophongruppe

microphones
BT acoustoelectric transducers
audio equipment
NT microphone arrays
RT acoustic receivers
hydrophones
radio studios
radio transmitters
sound reproduction
television transmitters
transmitters
DEU Mikrofon
DSY Mikrophon

microphony
DEU Mikrofonie
DSY Mikrophonie

microphotography
BT photography
SY *microfilming*
PT photography
RT microforms
DEU Mikrofotografie
DSY Mikrophotographie

microphotometers
USE densitometry
\+ photometers

microphotonics
USE micro-optics

micropositioning
BT position control
PT position control
RT manipulators
microactuators
nanopositioning
DEU Mikropositionierung

microprobe analysis, electron
USE electron probe analysis

microprobe analysis, ion
USE ion microprobe analysis

microprocessor chips
BT digital integrated circuits
NT coprocessors
digital signal processing chips
microcontrollers
transputers
UF *intellectual property blocks / logic circuits + microprocessor chips*
UF *intellectual property cores / logic circuits + microprocessor chips*
UF *IP blocks / logic circuits + microprocessor chips*
UF *IP cores / logic circuits + microprocessor chips*
SY *microcomputer chips*
MPU
single-chip microcomputers
PT digital integrated circuits
RT CMOS digital integrated circuits
large scale integration
microcomputers
storage management chips
superconducting processor circuits
system-on-chip
DEU Mikroprozessor

microprocessor systems
USE microcomputers

microprogramming
BT programming
RT computer architecture
firmware
instruction sets
microcomputers
PLD programming
DEU Mikroprogrammiertechnik
DSY Mikroprogrammierung

micropulsations
SY *giant pulsations (Earth)*
PT geomagnetic variations
RT geomagnetic variations
magnetosphere
DEU Mikropulsation

micropumps
BT micromechanical devices
pumps
PT micromechanical devices
pumps
RT microactuators
microchannel flow
microfluidics
DEU Mikropumpe

micropyritic synthesis
USE combustion synthesis

microreactors
BT chemical reactors
PT chemical reactors
RT chemical engineering
chemical industry
fuel cells
microfluidics
DEU Mikroreaktor

microrelays
BT microswitches
relays
PT micromechanical devices
relays
semiconductor relays
RT microactuators
semiconductor relays
DEU Mikrorelais

microresonators
USE microcavities
\+ micromechanical resonators

microrobots
BT micromechanical devices
robots
NT micromanipulators
PT industrial robots
micromechanical devices
robots
RT industrial robots
microactuators
mobile robots
DEU Mikroroboter

microscopes
BT instruments
NT acoustic microscopes
electron microscopes
ion microscopes
optical microscopes
RT microscopy
X-ray microscopy
DEU Mikroskop

microscopy
BT imaging
NT acoustic microscopy
electron microscopy
ion microscopy
optical microscopy
scanning probe microscopy
X-ray microscopy
RT microscopes
particle counting
particle size measurement
DEU Mikroskopie

microsensors
BT micromechanical devices
sensors
PT micromechanical devices
RT bioMEMS
electric sensing devices
flow sensors
lab-on-a-chip
microactuators
microbalances
microfabrication
nanosensors
quartz crystal microbalances
sensor arrays
signal conditioning circuits
thick film sensors
thin film sensors
wireless sensor networks
DEU Mikrosensor

microsieves
USE microfiltration
+ molecular sieves

microstrip antenna arrays
BT microstrip antennas
waveguide antenna arrays
PT microstrip antennas
microwave antenna arrays
RT aperture-coupled antennas
reflectarray antennas
DEU Mikrostreifengruppenantenne

microstrip antennas
BT microstrip components
waveguide antennas
NT microstrip antenna arrays
SY *patch antennas*
printed antennas
PT strip line components
waveguide antennas
RT aperture-coupled antennas
bow-tie antennas
broadband antennas
conformal antennas
fractal antennas
metamaterial antennas
microwave antenna arrays
multifrequency antennas
omnidirectional antennas
planar antennas
planar inverted-F antennas
wearable antennas
DEU Mikrostreifenantenne
DSY Streifenleiterantenne

microstrip circuits
BT microstrip components
strip line circuits
PT microstrip components
microstrip lines
RT microstrip lines
microstrip transitions
microwave circuits
millimetre wave circuits
UHF circuits
DEU Mikrostreifenbauelement

microstrip components
BT strip line components
NT microstrip antennas
microstrip circuits
microstrip couplers
microstrip filters
microstrip resonators
PT strip line components
RT coplanar waveguide components
magnetic microwave devices

magnetic millimetre wave devices
microstrip lines
microwave circuits
millimetre wave filters
millimetre wave integrated circuits
power combiners
power dividers
thick film inductors
thin film inductors
DEU Mikrostreifenkomponente

microstrip couplers
BT microstrip components
strip line couplers
NT microstrip directional couplers
PT microstrip components
waveguide couplers
RT millimetre wave couplers
submillimetre wave couplers
UHF couplers
DEU Mikrostreifenkoppler

microstrip directional couplers
BT directional couplers
microstrip couplers
PT directional couplers
microstrip components
RT millimetre wave directional couplers
DEU Mikrostreifenrichtungskoppler

microstrip discontinuities
BT microstrip lines
strip line discontinuities
PT microstrip lines
RT S-parameters
waveguide theory
DEU Mikrowellenstreifenleiterdiskontinuität

microstrip filters
BT microstrip components
strip line filters
PT microstrip components
microwave filters
RT defected ground structures
microwave filters
millimetre wave filters
UHF filters
DEU Mikrostreifenfilter

microstrip lines
BT strip lines
NT microstrip discontinuities
microstrip transitions
UF *superconducting microstrips / microstrip lines + superconducting microwave devices*
PT strip lines
RT defected ground structures
microstrip circuits
microstrip components
microwave circuits
DEU Mikrowellenstreifenleiter

microstrip resonators
BT microstrip components
strip line resonators
PT microstrip components
RT microwave resonators
UHF resonators
DEU Mikrostreifenresonator

microstrip transitions
BT microstrip lines
strip line transitions
RT microstrip circuits
DEU Mikrowellenstreifenleiterübergang

microstructure, crystal
USE crystal microstructure

microstructured optical fibers
USE holey fibres

microstructured optical fibres
USE holey fibres

microswitches
BT micromechanical devices
switches
NT microrelays
SY *MEMS switches*
PT micromechanical devices
RT micro-optics
microwave switches
semiconductor switches
DEU Mikroschalter

microsystems
USE micromechanical devices
DEU Mikrosystemtechnik

microtomes
USE specimen preparation

microtrons
BT cyclotrons
electron accelerators
DEU Mikrotron

microvalves
BT micromechanical devices
valves
PT valves
RT microactuators

microfluidics
DEU Mikroventil

microvias
USE vias

microwave absorbers
USE electromagnetic wave absorption
\+ microwave materials

microwave acoustic devices
USE acoustic microwave devices

microwave amplifiers
BT microwave devices
radiofrequency amplifiers
NT masers
microwave parametric amplifiers
microwave power amplifiers
MMIC amplifiers
UF *amplitrons / microwave amplifiers*
+ microwave tubes
RT electron bombarded
semiconductor devices
gyrotrons
injection locked amplifiers
low noise amplifiers
microwave circuits
millimetre wave amplifiers
travelling wave amplifiers
UHF amplifiers
DEU Mikrowellenverstärker

microwave antenna arrays
BT antenna arrays
microwave antennas
NT waveguide antenna arrays
PT antenna arrays
microwave devices
RT microstrip antennas
reflectarray antennas
slot antennas
DEU Mikrowellengruppenantenne

microwave antennas
BT antennas
microwave devices
NT lens antennas
microwave antenna arrays
waveguide antennas
PT antennas
RT antenna arrays
broadband antennas
dielectric resonator antennas
metamaterial antennas
microwave metamaterials
millimetre wave antennas
rectennas
satellite antennas
slot antennas
UHF antennas
DEU Mikrowellenantenne

microwave applicators
USE hyperthermia
\+ microwave heating

microwave background, cosmic
USE radiofrequency cosmic radiation

microwave bipolar integrated circuits
USE bipolar MMIC

microwave bipolar transistors
BT bipolar transistors
microwave transistors
PT bipolar transistors
heterojunction bipolar transistors
solid-state microwave devices
RT bipolar MMIC
heterojunction bipolar transistors
millimetre wave bipolar transistors
UHF bipolar transistors
DEU Mikrowellenbipolartransistor

microwave circuits
BT microwave devices
networks (circuits)
NT microwave integrated circuits
PT microwave devices
RT distributed parameter networks
microstrip circuits
microstrip components
microstrip lines
microwave amplifiers
microwave filters
microwave frequency convertors
microwave limiters
microwave mixers
microwave oscillators
microwave phase shifters
millimetre wave circuits
passive networks
strip line circuits
strip line components
two-port networks
UHF circuits
DEU Mikrowellenschaltung

microwave circulators
BT circulators
PT circulators (microwave)
RT millimetre wave circulators
DEU Mikrowellenumlauf

microwave conductivity
USE high-frequency effects

microwave detectors
BT microwave devices
sensors
RT infrared detectors
microwave receivers
millimetre wave detectors
photodetectors
radiometers
radiometry
UHF detectors
DEU Mikrowellendetektor

microwave devices
NT acoustic microwave devices
magnetic microwave devices
microwave amplifiers
microwave antennas
microwave circuits
microwave detectors
microwave diodes
microwave filters
microwave frequency convertors
microwave isolators
microwave limiters
microwave mixers
microwave oscillators
microwave parametric devices
microwave phase shifters
microwave receivers
microwave resonators
microwave switches
microwave transistors
microwave tubes
superconducting microwave devices
RT microwave materials
microwave photonics
microwave technology
microwaves
millimetre wave devices
millimetre wave materials
photonic crystals
submillimetre wave devices
surface acoustic wave devices
UHF devices
waveguides
DEU Mikrowellengerät

microwave diodes
BT microwave devices
semiconductor diodes
UF *QWITT diodes / microwave diodes + millimetre wave diodes + transit time devices + UHF diodes*
PT solid-state microwave devices
RT BARITT diodes
Gunn diodes
IMPATT diodes
millimetre wave diodes
TRAPATT diodes
tunnel diodes
UHF diodes
DEU Mikrowellendiode

microwave discharges
USE high-frequency discharges

microwave field effect integrated circuits
USE field effect MMIC

microwave field effect transistors
BT field effect transistors
microwave transistors
PT solid-state microwave devices
RT high electron mobility transistors
millimetre wave field effect transistors
Schottky gate field effect transistors
UHF field effect transistors
DEU Mikrowellenfeldeffekttransistor

microwave filters
BT microwave devices
radiofrequency filters
RT cavity resonator filters
cavity resonators
coplanar waveguide components
dielectric resonator filters
distributed parameter filters
ferrite filters
microstrip filters
microwave circuits
microwave resonators
millimetre wave filters
nonradiative dielectric waveguides
radar equipment
resonator filters
strip line filters
superconducting filters
UHF filters
waveguide components
waveguide filters
DEU Mikrowellenfilter

microwave frequency convertors
BT frequency convertors
microwave devices
NT MMIC frequency convertors
PT frequency convertors
RT microwave circuits
millimetre wave frequency convertors

MMIC
UHF frequency convertors
DEU Mikrowellenfrequenzkonverter

microwave generation
BT microwave technology
UF *orotrons / free electron lasers* + *microwave generation* + *microwave tubes*
RT gyrotrons
microwave oscillators
microwaves
millimetre wave generation
relativistic electron beam tubes
slow wave structures
UHF generation
undulator radiation
vircators
DEU Mikrowellengenerierung

microwave heaters
USE microwave heating

microwave heating
BT microwave technology
radiofrequency heating
NT microwave materials processing
microwave ovens
UF *applicators, microwave / hyperthermia* + *microwave heating*
UF *microwave applicators / hyperthermia* + *microwave heating*
SY *microwave heaters*
PT radiofrequency heating
RT biological effects of microwaves
hyperthermia
radiation therapy
DEU Mikrowellenerwärmung
DSY Mikrowellenheizung

microwave heating (plasma)
USE plasma radiofrequency heating

microwave holography
BT holography
microwave imaging
PT holography
RT microwaves
DEU Mikrowellenholografie
DSY Mikrowellenholographie

microwave imaging
BT microwave technology
radiofrequency imaging
NT microwave holography
SY *microwave thermography*
PT infrared imaging
microwave measurement
RT biomedical imaging
infrared imaging
landmine detection
microwave measurement
millimetre wave imaging
radar imaging
remote sensing
synthetic aperture radar
tomography
DEU Mikrowellenbilderzeugung
DSY Mikrowellenbildgebung

microwave induced delayed phosphorescence
USE phosphorescence

microwave integrated circuits
BT microwave circuits
radiofrequency integrated circuits
NT MMIC
PT integrated circuits
solid-state microwave circuits
RT fin lines
hybrid integrated circuits
millimetre wave integrated circuits
strip line components
strip lines
substrate integrated waveguides
UHF integrated circuits
waveguide transitions
DEU integrierte Mikrowellenschaltung

microwave isolators
BT microwave devices
NT ferrite isolators
SY *isolators, microwave*
RT waveguide components
DEU Mikrowellenisolator

microwave landing systems
BT aircraft landing guidance
microwave technology
SY *MLS*
PT aerospace instrumentation
aircraft instrumentation
ground support systems
RT aerospace instrumentation
air traffic control
aircraft control
aircraft instrumentation
airports (structures)
ground support systems
instrument landing systems
radionavigation
DEU Mikrowellenlandesystem

microwave lasers
USE masers

microwave limiters
BT limiters
microwave devices
RT microwave circuits
waveguide components
DEU Mikrowellenbegrenzer

microwave links
BT radio links
UF *microwave video distribution systems / microwave links + television broadcasting*
RT digital radio
microwave photonics
microwave propagation
DEU Mikrowellenfunkverbindung

microwave materials
BT materials
NT microwave metamaterials
UF *microwave absorbers / electromagnetic wave absorption + microwave materials*
RT ceramics
dielectric materials
invisibility cloaks
metamaterials
microwave devices
millimetre wave materials
optical materials
radar absorbing materials
semiconductor materials
superconducting materials
DEU Mikrowellenmaterial

microwave materials processing
BT microwave heating
SY *materials processing using microwaves*
PT microwave heating
RT drying
joining processes
materials preparation
DEU Mikrowellenbearbeitung (Werkstoff)
DSY Werkstoffbearbeitung (Mikrowelle)

microwave measurement
BT microwave technology
radiofrequency measurement
NT microwave reflectometry
RT antenna testing
microwave imaging
microwave resonators
millimetre wave measurement
power meters
radiometry
UHF measurement
wavemeters
DEU Mikrowellenmessung

microwave metamaterials
BT electromagnetic metamaterials
microwave materials
PT metamaterials
microwave materials
RT backward wave oscillators
computational electromagnetics
defected ground structures
frequency selective surfaces
leaky wave antennas
metamaterial antennas
microwave antennas
microwave photonics
photonic band gap
photonic crystals
plasmonics
polaritons
slot antennas
slow light
slow wave structures
surface plasmon resonance
surface plasmons
terahertz metamaterials
DEU Mikrowellenmetamaterial
DSY Mikrowellenmetawerkstoff

microwave mixers
BT microwave devices
mixers (circuits)
NT MMIC mixers
PT mixers (circuits)
RT microwave circuits
microwave receivers
millimetre wave mixers
superconductor-insulator-superconductor mixers
UHF mixers
DEU Mikrowellenfrequenzumsetzer

microwave oscillators
BT microwave devices
radiofrequency oscillators
NT microwave parametric oscillators
MMIC oscillators
vircators
RT backward wave oscillators
dielectric resonator oscillators
Gunn oscillators
gyrotrons
IMPATT oscillators
injection locked oscillators
microwave circuits

microwave generation
millimetre wave oscillators
phase locked oscillators
radar equipment
tunnel diode oscillators
UHF oscillators
voltage-controlled oscillators
DEU Mikrowellenoszillator
DSY Mikrowellenschwingkreis

microwave ovens
BT microwave heating
ovens
PT microwave heating
ovens
DEU Mikrowellenofen

microwave parametric amplifiers
BT microwave amplifiers
microwave parametric devices
parametric amplifiers
PT microwave amplifiers
parametric amplifiers
DEU parametrisierbarer Mikrowellenverstärker

microwave parametric devices
BT microwave devices
parametric devices
NT microwave parametric amplifiers
microwave parametric oscillators
PT microwave devices
parametric devices
RT superconducting microwave devices
DEU parametrisierbares Mikrowellenbauelement
DSY parametrisierbares Mikrowellengerät

microwave parametric oscillators
BT microwave oscillators
microwave parametric devices
parametric oscillators
PT microwave oscillators
parametric oscillators
DEU parametrische Mikrowellenoszillator

microwave phase shifters
BT microwave devices
phase shifters
NT MMIC phase shifters
PT phase shifters
RT antenna phased arrays
ferrite phase shifters
microwave circuits
millimetre wave phase shifters
MMIC
UHF phase shifters
DEU Mikrowellenphasenumtaster
DSY Mikrowellenphasenverschieber

microwave photonics
BT microwave technology
optoelectronic devices
RT antenna phased arrays
electro-optical modulation
integrated optoelectronics
microwave devices
microwave links
microwave metamaterials
optical fibre communication
photonic crystals
radio-over-fibre
DEU Mikrowellenphotonik

microwave power amplifiers
BT microwave amplifiers
radiofrequency power amplifiers
NT MMIC power amplifiers
PT microwave amplifiers
power amplifiers
RT IMPATT amplifiers
millimetre wave power amplifiers
travelling wave amplifiers
UHF power amplifiers
DEU Mikrowellenleistungsgleichrichter

microwave power transistors
BT microwave transistors
power transistors
PT power transistors
solid-state microwave devices
RT millimetre wave power transistors
DEU Mikrowellenleistungstransistor

microwave power transmission
BT microwave technology
power transmission
radiofrequency power transmission
PT power transmission
RT rectennas
solar power satellites
DEU Mikrowellenenergieübertragung
DSY Mikrowellenstromübertragung

microwave propagation
BT microwave technology
radiowave propagation
PT radiowave propagation
RT microwave links
millimetre wave propagation
satellite links
UHF radio propagation
DEU Mikrowellenausbreitung

microwave radiometry
USE radiometry

microwave receivers
BT microwave devices
receivers
PT radio receivers
receivers
RT microwave detectors
microwave mixers
millimetre wave receivers
radio receivers
DEU Mikrowellenempfänger

microwave reflectometers
USE microwave reflectometry
\+ reflectometers

microwave reflectometry
BT microwave measurement
reflectometry
NT swept-frequency reflectometry
UF *microwave reflectometers / microwave reflectometry + reflectometers*
PT microwave measurement
RT network analysers
reflectometers
DEU Mikrowellenreflektometrie

microwave region
USE microwaves

microwave resonators
BT microwave devices
resonators
PT resonators
RT cavity resonators
dielectric resonators
microstrip resonators
microwave filters
microwave measurement
millimetre wave resonators
Q-factor
superconducting microwave devices
superconducting resonators
UHF resonators
DEU Mikrowellenresonator

microwave sintering
USE sintering

microwave spectra
BT radiofrequency spectra
RT microwave spectroscopy
microwaves
millimetre wave spectra
paramagnetic resonance
spin-rotation coupling
submillimetre wave spectra
two-dimensional spectra
DEU Mikrowellenspektrum

microwave spectrometers
BT radiofrequency spectrometers
RT EPR spectrometers
microwave spectroscopy
DEU Mikrowellen-Spektrometer
DSY Mikrowellenspektrometer

microwave spectroscopy
BT radiofrequency spectroscopy
PT microwave measurement
spectroscopy
RT EPR spectroscopy
microwave spectra
microwave spectrometers
millimetre wave spectroscopy
submillimetre wave spectroscopy
two-dimensional spectroscopy
DEU Mikrowellen-Spektrokopie
DSY Mikrowellenspektrokopie
Mikrowellenspektrometrie

microwave switches
BT microwave devices
switches
UF *MMIC switches / microwave switches + MMIC*
SY *multipactors*
RT microswitches
MMIC
photoconducting switches
semiconductor switches
superconducting switches
DEU Mikrowellenschalter

microwave technology
BT technology
NT microwave generation
microwave heating
microwave imaging
microwave landing systems
microwave measurement
microwave photonics
microwave power transmission
microwave propagation
RT antennas
microwave devices
microwaves
waveguides
DEU Mikrowellentechnik
DSY Mikrowellentechnologie

microwave thermography
USE microwave imaging

microwave transistors
BT microwave devices
transistors
NT microwave bipolar transistors
microwave field effect transistors
microwave power transistors
PT solid-state microwave devices
RT millimetre wave transistors
UHF transistors
DEU Mikrowellentransistor

microwave tubes
BT electron tubes
microwave devices
NT magnetrons
vircators
UF *amplitrons / microwave amplifiers + microwave tubes*
SY *crossed-field tubes*
linear-beam tubes
M-type tubes
UF *O-type tubes / microwave tubes + travelling wave tubes*
UF *orotrons / free electron lasers + microwave generation + microwave tubes*
SY *peniotrons*
ubitrons
RT electron bombarded semiconductor devices
electron wave tubes
gyrotrons
millimetre wave tubes
relativistic electron beam tubes
UHF tubes
DEU Mikrowellenröhre

microwave video distribution systems
USE microwave links
\+ television broadcasting

microwave-infrared double resonance
USE microwave-optical double resonance

microwave-optical double resonance
BT magnetic double resonance
optical double resonance
NT PMDR
SY *infrared-microwave double resonance*
microwave-infrared double resonance
MODOR
ODMR
optical detection of magnetic resonance (EPR)
PT magnetic double resonance
optical double resonance
DEU Mikrowellen-optische Doppelresonanz
DSY mikrowellenoptische Doppelresonanz

microwave-radiofrequency double resonance
USE magnetic double resonance

microwaves
BT radiowaves
SY *microwave region*
RT microwave devices
microwave generation
microwave holography
microwave spectra
microwave technology
millimetre waves
DEU Mikrowelle

mictomagnetism
BT magnetism
PT spin glasses
spin systems
RT antiferromagnetism
exchange interactions (electron)
ferromagnetism
spin glasses
spin systems
DEU Miktomagnetismus

middleware
BT application program interfaces
client-server systems
UF *publish/subscribe systems / message passing + middleware*
PT application program interfaces
client-server systems
distributed object management
workflow management software
RT distributed object management
home networks
Internet of Things
volunteer computing
workflow management software
DEU Verknüpfungsprogramm

MIDP
USE phosphorescence

Mie scattering
BT electromagnetic wave scattering
PT electromagnetic wave scattering
light scattering

RT atmospheric optics
light scattering
particle size measurement
DEU Mie-Streuung

Mie theory
USE electromagnetic wave scattering

Mie-Streuung
DEU for Mie scattering

MIEHM calculations
USE EHT calculations

Miete
DEU for rental

MIG welding
USE arc welding

migma
USE plasma confinement

migration-enhanced epitaxy
USE molecular beam epitaxial growth

mikro-optomechanische Gerät
DEU for micro-optomechanical devices

Mikroaktor
DEU for microactuators

Mikroanzeigeelement
DEU for microdisplays

Mikrobearbeitung
DEU for micromachining

Mikrobenelektrolysezelle
DEU for microbial electrolysis cells

mikrobielle Brennstoffzelle
DEU for microbial fuel cells

mikrobielle Elektrolysezelle
DUS für microbial electrolysis cells

mikrobiologische Sterilisation
DEU for sterilisation (microbiological)

Mikrochiplaser
DEU for microchip lasers

Mikrocomputer
DEU for microcomputers

Mikrocomputeranwendung
DEU for microcomputer applications

Mikrodisklaser
DEU for microdisc lasers

Mikrodisplay
DUS für microdisplays

Mikroelektrode
DEU for microelectrodes

Mikroemulsion
DEU for microemulsions

Mikrofertigung
DEU for microfabrication

Mikrofilmausgabegerät
DUS für computer output to microfilm

Mikrofilmdatenausgabe
DUS für computer output to microfilm

Mikrofiltration
DEU for microfiltration

Mikrofluidik
DEU for microfluidics

Mikrofon
DEU for microphones

Mikrofonanordnung
DEU for microphone arrays

Mikrofonfeld
DUS für microphone arrays

Mikrofongruppe
DUS für microphone arrays

Mikrofonie
DEU for microphony

Mikroform
DEU for microforms

Mikrofotografie
DEU for microphotography

Mikrofügen
DEU for microassembling

Mikrohärte
DEU for microhardness

Mikrohohlraum
DEU for microcavities

Mikrokanalplatte
DUS für microchannel plates

Mikrokanalströmung
DEU for microchannel flow

Mikrolinse
DEU for microlenses

Mikromagnet
DEU for micromagnetics

Mikromanipulator
DEU for micromanipulators

Mikromechanik
DEU for micromechanics

mikromechanischer Resonator
DEU for micromechanical resonators

mikromechanisches Bauelement
DEU for micromechanical devices

mikromechanisches Gerät
DUS für micromechanical devices

Mikrometeorit
DEU for micrometeorites

Mikrometrie
DEU for micrometry

Mikromotor
DEU for micromotors

Mikroökonomie
DEU for microeconomics

Mikrooptik
DEU for micro-optics

mikrooptomechanisches Gerät
DUS für micro-optomechanical devices

Mikroorganismus
DEU for microorganisms

Mikrophon
DUS für microphones

Mikrophonanordnung
DUS für microphone arrays

Mikrophonfeld
DUS für microphone arrays

Mikrophongruppe
DUS für microphone arrays

Mikrophonie
DUS für microphony

Mikrophotographie
DUS für microphotography

Mikropositionierung
DEU for micropositioning

Mikroprogrammiertechnik
DEU for microprogramming

Mikroprogrammierung
DUS für microprogramming

Mikroprozessor
DEU for microprocessor chips

Mikropulsation
DEU for micropulsations

Mikropumpe
DEU for micropumps

Mikroreaktor
DEU for microreactors

Mikrorechner
DUS für microcomputers

Mikrorechneranwendung
DUS für microcomputer applications

Mikroregler
DEU for microcontrollers

Mikrorelais
DEU for microrelays

Mikroriss
DEU for microcracks

Mikroroboter
DEU for microrobots

Mikroschalter
DEU for microswitches

Mikroschichtlaser
DEU for microcavity lasers

Mikrosensor
DEU for microsensors

Mikroskop
DEU for microscopes

Mikroskopie
DEU for microscopy

Mikrospiegel
DEU for micromirrors

Mikrostreifenantenne
DEU for microstrip antennas

Mikrostreifenbauelement
DEU for microstrip circuits

Mikrostreifenfilter
DEU for microstrip filters

Mikrostreifengruppenantenne
DEU for microstrip antenna arrays

Mikrostreifenkomponente
DEU for microstrip components

Mikrostreifenkoppler
DEU for microstrip couplers

Mikrostreifenresonator
DEU for microstrip resonators

Mikrostreifenrichtungskoppler
DEU for microstrip directional couplers

Mikrosystemtechnik
DEU for microsystems

Mikrotron
DEU for microtrons

Mikroventil
DEU for microvalves

Mikroverfilmung
DEU for microfilming

Mikrowaage
DEU for microbalances

Mikrowelle
DEU for microwaves

Mikrowellen-optische Doppelresonanz
DEU for microwave-optical double resonance

Mikrowellen-Spektrokopie
DEU for microwave spectroscopy

Mikrowellen-Spektrometer
DEU for microwave spectrometers

Mikrowellenantenne
DEU for microwave antennas

Mikrowellenausbreitung
DEU for microwave propagation

Mikrowellenbearbeitung (Werkstoff)
DEU for microwave materials processing

Mikrowellenbegrenzer
DEU for microwave limiters

Mikrowellenbilderzeugung
DEU for microwave imaging

Mikrowellenbildgebung
DUS für microwave imaging

Mikrowellenbipolartransistor
DEU for microwave bipolar transistors

Mikrowellendetektor
DEU for microwave detectors

Mikrowellendiode
DEU for microwave diodes

Mikrowellendruck
DUS für pressure

Mikrowellenempfänger
DEU for microwave receivers

Mikrowellenenergieübertragung
DEU for microwave power transmission

Mikrowellenerwärmung
DEU for microwave heating

Mikrowellenfeldeffekttransistor
DEU for microwave field effect transistors

Mikrowellenfilter
DEU for microwave filters

Mikrowellenfrequenzkonverter
DEU for microwave frequency convertors

Mikrowellenfrequenzumsetzer
DEU for microwave mixers

Mikrowellenfunkverbindung
DEU for microwave links

Mikrowellengenerierung
DEU for microwave generation

Mikrowellengerät
DEU for microwave devices

Mikrowellengruppenantenne
DEU for microwave antenna arrays

Mikrowellenheizung
DUS für microwave heating

Mikrowellenholografie
DEU for microwave holography

Mikrowellenholographie
DUS für microwave holography

Mikrowellenisolator
DEU for microwave isolators

Mikrowellenlandesystem
DEU for microwave landing systems

Mikrowellenleistungsgleichrichter
DEU for microwave power amplifiers

Mikrowellenleistungstransistor
DEU for microwave power transistors

Mikrowellenmaterial
DEU for microwave materials

Mikrowellenmessung
DEU for microwave measurement

Mikrowellenmetamaterial
DEU for microwave metamaterials

Mikrowellenmetawerkstoff
DUS für microwave metamaterials

Mikrowellenofen
DEU for microwave ovens

mikrowellenoptische Doppelresonanz
DUS für microwave-optical double resonance

Mikrowellenoszillator
DEU for microwave oscillators

Mikrowellenphasenumtaster
DEU for microwave phase shifters

Mikrowellenphasenverschieber
DUS für microwave phase shifters

Mikrowellenphotonik
DEU for microwave photonics

Mikrowellenreflektometrie
DEU for microwave reflectometry

Mikrowellenresonator
DEU for microwave resonators

Mikrowellenröhre
DEU for microwave tubes

Mikrowellenschalter
DEU for microwave switches

Mikrowellenschaltung
DEU for microwave circuits

Mikrowellenschwingkreis
DUS für microwave oscillators

Mikrowellenspektrokopie
DUS für microwave spectroscopy

Mikrowellenspektrometer
DUS für microwave spectrometers

Mikrowellenspektrometrie
DUS für microwave spectroscopy

Mikrowellenspektrum
DEU for microwave spectra

Mikrowellenstreifenleiter
DEU for microstrip lines

Mikrowellenstreifenleiterdiskontinuität
DEU for microstrip discontinuities

Mikrowellenstreifenleiterübergang
DEU for microstrip transitions

Mikrowellenstromübertragung
DUS für microwave power transmission

Mikrowellentechnik
DEU for microwave technology

Mikrowellentechnologie
DUS für microwave technology

Mikrowellentransistor
DEU for microwave transistors

Mikrowellenumlauf
DEU for microwave circulators

Mikrowellenverstärker
DEU for microwave amplifiers

mikrozellularer Funk
DEU for microcellular radio

mikrozellulares Radio
DUS für microcellular radio

Miktomagnetismus
DEU for mictomagnetism

MIL-STD-1553B data bus
USE military standards
\+ system buses

mild barium stars
USE giant stars

mild steel
USE carbon steel

Militärfahrzeug
DEU for military vehicles

Militärflugzeug
DEU for military aircraft

militärische Ausrüstung
DEU for military equipment

militärische Computeranwendung
DUS für military computing

militärische Kommunikation
DEU for military communication

militärische Luftfahrzeugausrüstung
DEU for military avionics

militärische Norm
DEU for military standards

militärische Rechneranwendung
DUS für military computing

militärischer Standard
DUS für military standards

militärisches Radar
DEU for military radar

militärisches System
DEU for military systems

Militärnorm
DUS für military standards

Militärradar
DUS für military radar

Militärstandard
DUS für military standards

military administrative data processing
USE military computing

military aircraft
BT aircraft
military vehicles
SY *fighter aircraft*
PT aircraft
military equipment
military systems
RT autonomous aerial vehicles
defence industry
helicopters
military avionics
military equipment
military radar
DEU Militärflugzeug

military avionics
BT avionics
military equipment
PT aircraft instrumentation
military equipment
military systems
RT aircraft displays
military aircraft
military computing
military systems
DEU militärische
Luftfahrzeugausrüstung

military communication
BT military systems
telecommunication
SY *tactical communication*
PT military systems
RT command and control systems
military equipment
missile guidance
satellite communication
telecommunication security
ultra wideband communication
DEU militärische Kommunikation

military computing
BT computer applications
NT command and control systems
logistics data processing
SY *military administrative data processing*
PT military administrative data processing
RT fuzes (detonation)
military avionics
naval engineering computing
radar computing
safety-critical software
serious games (computing)
DEU Computeranwendung beim Militär
DSY militärische Computeranwendung
militärische Rechneranwendung
Rechneranwendung beim Militär

military equipment
NT military avionics
RT armour
artificial satellites
ballistics
defence industry
electromagnetic launchers
electrothermal launchers
fuzes (detonation)
ground support equipment
helicopters
landmine detection
military aircraft
military communication
military radar
military standards
military systems
military vehicles
missiles
mobile communication
night vision
radar
radar equipment
railguns
remote sensing
ships
signalling
space vehicles
torpedoes
weapons
DEU militärische Ausrüstung

military industry
USE defence industry

military radar
BT military systems
radar
PT military equipment
military systems
radar applications
radar equipment
RT airborne radar
landmine detection
marine radar
military aircraft
military equipment
passive radar
radar applications
radar detection
radar target recognition
radar tracking
ultra wideband radar
DEU militärisches Radar
DSY Militärradar

military standards
BT standards
UF *MIL-STD-1553B data bus / military standards + system buses*
PT military equipment
military systems
standards
RT military equipment
military systems
reliability
DEU militärische Norm
DSY militärischer Standard
Militärnorm
Militärstandard

military systems
NT military communication
military radar
military vehicles
UF *SDI (weapon systems) / military systems + missiles + weapons*
RT ballistics
defence industry
electronic countermeasures
electronic warfare
explosion protection
explosive detection
explosives
fuzes (detonation)
military avionics
military equipment
military standards
national security
naval engineering
open area test sites
pointing systems
surveillance
target tracking
terrorism
DEU militärisches System

military vehicles
BT military systems
vehicles
NT military aircraft
SY *stealth vehicles*
UF *tanks (armoured vehicles) / military vehicles + tracked vehicles*
PT military systems
vehicles
RT armour
marine vehicles
military equipment
remotely operated vehicles
road vehicles
tracked vehicles
DEU Militärfahrzeug

milk
USE dairy products

Milky Way
USE Galaxy

millimeter wave devices
USE millimetre wave devices

millimeter waves
USE millimetre waves

Millimeterwelle
DEU for millimetre waves

Millimeterwellen-Feldeffekttransistor
DEU for millimetre wave field effect transistors

Millimeterwellen-Spektroskopie
DEU for millimetre wave spectroscopy

Millimeterwellenantenne
DEU for millimetre wave antennas

Millimeterwellenantennenfeld
DEU for millimetre wave antenna arrays

Millimeterwellenausbreitung
DEU for millimetre wave propagation

Millimeterwellenbauelement
DEU for millimetre wave diodes

Millimeterwellenbilderzeugung
DEU for millimetre wave imaging

Millimeterwellenbildgebung
DUS für millimetre wave imaging

Millimeterwellenbipolartransistor
DEU for millimetre wave bipolar transistors

Millimeterwellendetektor
DEU for millimetre wave detectors

Millimeterwellenempfänger
DEU for millimetre wave receivers

Millimeterwellenerzeugung
DEU for millimetre wave generation

Millimeterwellenfeldeffekttransistor
DUS für millimetre wave field effect transistors

Millimeterwellenfilter
DEU for millimetre wave filters

Millimeterwellenfrequenzumsetzer
DEU for millimetre wave mixers

Millimeterwellenfrequenzverstärker
DEU for millimetre wave frequency convertors

Millimeterwellengerät
DEU for millimetre wave devices

Millimeterwellengruppenantenne
DUS für millimetre wave antenna arrays

Millimeterwellenkoppler
DEU for millimetre wave couplers

Millimeterwellenlaser
DEU for millimetre wave lasers

Millimeterwellenleistungsgleichrichter
DEU for millimetre wave power amplifiers

Millimeterwellenleistungstransistor
DEU for millimetre wave power transistors

Millimeterwellenmaterial
DEU for millimetre wave materials

Millimeterwellenmessung
DEU for millimetre wave measurement

Millimeterwellenoszillator
DEU for millimetre wave oscillators

Millimeterwellenphasenumtaster
DEU for millimetre wave phase shifters

Millimeterwellenphasenverschieber
DUS für millimetre wave phase shifters

Millimeterwellenradar
DEU for millimetre wave radar

Millimeterwellenresonator
DEU for millimetre wave resonators

Millimeterwellenrichtungskoppler
DEU for millimetre wave directional couplers

Millimeterwellenröhre
DEU for millimetre wave tubes

Millimeterwellenschaltung
DEU for millimetre wave circuits

Millimeterwellenspektroskopie
DUS für millimetre wave spectroscopy

Millimeterwellenspektrum
DEU for millimetre wave spectra

Millimeterwellentransistor
DEU for millimetre wave transistors

Millimeterwellenverstärker
DEU for millimetre wave amplifiers

Millimeterwellenzirkulator
DEU for millimetre wave circulators

millimetre wave amplifiers
BT millimetre wave devices
radiofrequency amplifiers
NT millimetre wave power amplifiers
SY *MM-wave amplifiers*
PT microwave amplifiers
RT cyclotron masers
free electron lasers
injection locked amplifiers
low noise amplifiers
microwave amplifiers
millimetre wave circuits
MMIC amplifiers
submillimetre wave amplifiers
travelling wave amplifiers
DEU Millimeterwellenverstärker

millimetre wave antenna arrays
BT antenna arrays
millimetre wave antennas
SY *MM-wave antenna arrays*
PT microwave antenna arrays
RT reflectarray antennas
DEU Millimeterwellenantennenfeld
DSY Millimeterwellengruppenantenne

millimetre wave antennas
BT antennas
millimetre wave devices
NT millimetre wave antenna arrays
SY *MM-wave antennas*
PT microwave antennas
RT broadband antennas
dielectric resonator antennas
microwave antennas
submillimetre wave antennas
DEU Millimeterwellenantenne

millimetre wave bipolar integrated circuits
USE bipolar MIMIC

millimetre wave bipolar transistors
BT bipolar transistors
millimetre wave transistors
SY *MM-wave bipolar transistors*
PT bipolar transistors
heterojunction bipolar transistors
solid-state microwave devices
RT bipolar MIMIC
heterojunction bipolar transistors
microwave bipolar transistors
DEU Millimeterwellenbipolartransistor

millimetre wave circuits
BT millimetre wave devices
networks (circuits)
NT millimetre wave integrated circuits
SY *MM-wave circuits*
PT microwave circuits
solid-state microwave circuits
RT microstrip circuits
microwave circuits
millimetre wave amplifiers
millimetre wave filters
millimetre wave frequency convertors
millimetre wave mixers
millimetre wave oscillators
millimetre wave phase shifters
strip line circuits
submillimetre wave circuits
DEU Millimeterwellenschaltung

millimetre wave circulators
BT circulators
millimetre wave devices
SY *MM-wave circulators*
PT circulators (microwave)
RT microwave circulators

DEU Millimeterwellenzirkulator

millimetre wave couplers
BT millimetre wave devices
NT millimetre wave directional couplers
SY *MM-wave couplers*
PT waveguide couplers
RT microstrip couplers
strip line couplers
submillimetre wave couplers
waveguide couplers
DEU Millimeterwellenkoppler

millimetre wave detectors
BT millimetre wave devices
sensors
SY *MM-wave detectors*
PT microwave detectors
RT microwave detectors
millimetre wave measurement
millimetre wave receivers
radiometers
submillimetre wave detectors
terahertz wave detectors
terahertz wave devices
DEU Millimeterwellendetektor

millimetre wave devices
NT magnetic millimetre wave devices
millimetre wave amplifiers
millimetre wave antennas
millimetre wave circuits
millimetre wave circulators
millimetre wave couplers
millimetre wave detectors
millimetre wave diodes
millimetre wave filters
millimetre wave frequency convertors
millimetre wave lasers
millimetre wave mixers
millimetre wave oscillators
millimetre wave phase shifters
millimetre wave receivers
millimetre wave resonators
millimetre wave transistors
millimetre wave tubes
SY *millimeter wave devices*
MM-wave devices
PT microwave devices
RT microwave devices
millimetre wave generation
millimetre wave materials
millimetre wave measurement
millimetre waves
submillimetre wave devices
terahertz wave devices
waveguides
DEU Millimeterwellengerät

millimetre wave diodes
BT millimetre wave devices
semiconductor diodes
SY *MM-wave diodes*
UF *QWITT diodes / microwave diodes + millimetre wave diodes + transit time devices + UHF diodes*
PT solid-state microwave devices
RT BARITT diodes
Gunn diodes
IMPATT diodes
microwave diodes
submillimetre wave diodes
TRAPATT diodes
tunnel diodes
DEU Millimeterwellenbauelement

millimetre wave directional couplers
BT directional couplers
millimetre wave couplers
SY *MM-wave directional couplers*
PT directional couplers
RT microstrip directional couplers
DEU Millimeterwellenrichtungskoppler

millimetre wave field effect integrated circuits
USE field effect MIMIC

millimetre wave field effect transistors
BT field effect transistors
millimetre wave transistors
SY *MM-wave field effect transistors*
PT solid-state microwave devices
RT high electron mobility transistors
microwave field effect transistors
Schottky gate field effect transistors
DEU Millimeterwellen-Feldeffekttransistor
DSY Millimeterwellenfeldeffekttransistor
mmwFET

millimetre wave filters
BT millimetre wave devices
radiofrequency filters
SY *MM-wave filters*
PT microwave filters
RT distributed parameter filters
ferrite filters
microstrip components
microstrip filters
microwave filters
millimetre wave circuits
millimetre wave resonators
resonator filters
strip line components

strip line filters
submillimetre wave filters
waveguide filters
DEU Millimeterwellenfilter

millimetre wave frequency convertors
BT frequency convertors
millimetre wave devices
SY *MM-wave frequency convertors*
PT frequency convertors
RT microwave frequency convertors
millimetre wave circuits
MIMIC
MMIC frequency convertors
DEU Millimeterwellenfrequenzverstärker

millimetre wave generation
SY *MM-wave generation*
PT microwave generation
RT cyclotron masers
free electron lasers
microwave generation
millimetre wave devices
millimetre wave oscillators
millimetre wave tubes
millimetre waves
submillimetre wave generation
terahertz wave devices
terahertz wave generation
DEU Millimeterwellenerzeugung

millimetre wave imaging
BT radiofrequency imaging
SY *MM-wave imaging*
PT microwave imaging
RT biomedical imaging
landmine detection
microwave imaging
millimetre wave measurement
radar imaging
radiometry
remote sensing
submillimetre wave imaging
terahertz wave imaging
DEU Millimeterwellenbilderzeugung
DSY Millimeterwellenbildgebung

millimetre wave integrated circuits
BT millimetre wave circuits
radiofrequency integrated circuits
NT MIMIC
SY *MM-wave integrated circuits*
PT microwave integrated circuits
RT microstrip components
microwave integrated circuits
strip line components
submillimetre wave integrated circuits
DEU integriertes Millimeterwellenbauelement

millimetre wave lasers
BT lasers
millimetre wave devices
SY *MM-wave lasers*
PT masers
RT free electron lasers
masers
submillimetre wave lasers
DEU Millimeterwellenlaser

millimetre wave materials
BT materials
PT microwave materials
RT microwave devices
microwave materials
millimetre wave devices
optical materials
radar absorbing materials
semiconductor materials
terahertz materials
DEU Millimeterwellenmaterial

millimetre wave measurement
BT radiofrequency measurement
SY *MM-wave measurement*
PT microwave measurement
RT antenna testing
microwave measurement
millimetre wave detectors
millimetre wave devices
millimetre wave imaging
millimetre wave spectroscopy
radiometry
submillimetre wave measurement
DEU Millimeterwellenmessung

millimetre wave mixers
BT millimetre wave devices
mixers (circuits)
SY *MM-wave mixers*
PT mixers (circuits)
RT microwave mixers
millimetre wave circuits
millimetre wave receivers
MMIC mixers
Schottky diode mixers
submillimetre wave mixers
superconductor-insulator-superconductor mixers
DEU Millimeterwellenfrequenzumsetzer

millimetre wave monolithic integrated circuits
USE MIMIC

millimetre wave oscillators
BT millimetre wave devices
radiofrequency oscillators
SY *MM-wave oscillators*
PT microwave oscillators
RT backward wave oscillators
dielectric resonator oscillators
Gunn oscillators
gyrotrons
IMPATT oscillators
injection locked oscillators
microwave oscillators
millimetre wave circuits
millimetre wave generation
MMIC oscillators
submillimetre wave oscillators
tunnel diode oscillators
voltage-controlled oscillators
DEU Millimeterwellenoszillator

millimetre wave phase shifters
BT millimetre wave devices
phase shifters
SY *MM-wave phase shifters*
PT phase shifters
RT antenna phased arrays
ferrite phase shifters
microwave phase shifters
millimetre wave circuits
MIMIC
MMIC phase shifters
DEU Millimeterwellenphasenumtaster
DSY Millimeterwellenphasenverschieber

millimetre wave power amplifiers
BT millimetre wave amplifiers
radiofrequency power amplifiers
SY *MM-wave power amplifiers*
PT microwave amplifiers
power amplifiers
RT IMPATT amplifiers
microwave power amplifiers
MMIC power amplifiers
DEU Millimeterwellenleistungsgleichricht
er

millimetre wave power transistors
BT millimetre wave transistors
power transistors
SY *MM-wave power transistors*
PT power transistors
solid-state microwave devices
RT microwave power transistors
DEU Millimeterwellenleistungstransistor

millimetre wave propagation
BT radiowave propagation
SY *MM-wave propagation*
PT radiowave propagation
RT microwave propagation
submillimetre wave propagation
DEU Millimeterwellenausbreitung

millimetre wave radar
BT radar
SY *MM-wave radar*
RT atmospheric techniques
radar antennas
radar applications
radar imaging
remote sensing by radar
submillimetre wave radar
synthetic aperture radar
DEU Millimeterwellenradar

millimetre wave receivers
BT millimetre wave devices
receivers
SY *MM-wave receivers*
PT radio receivers
receivers
RT microwave receivers
millimetre wave detectors
millimetre wave mixers
radio receivers
submillimetre wave receivers
DEU Millimeterwellenempfänger

millimetre wave resonators
BT millimetre wave devices
resonators
PT resonators
RT cavity resonators
dielectric resonators
microwave resonators
millimetre wave filters
Q-factor
DEU Millimeterwellenresonator

millimetre wave spectra
BT radiofrequency spectra
SY *MM-wave spectra*
PT microwave spectra
RT microwave spectra
millimetre wave spectroscopy
submillimetre wave spectra
terahertz wave spectra
DEU Millimeterwellenspektrum

millimetre wave spectroscopy
BT radiofrequency spectroscopy
SY *MM-wave spectrometers*
MM-wave spectroscopy

PT microwave spectroscopy
RT microwave spectroscopy
millimetre wave measurement
millimetre wave spectra
submillimetre wave spectroscopy
terahertz spectroscopy
DEU Millimeterwellen-Spektroskopie
DSY Millimeterwellenspektroskopie

millimetre wave transistors
BT millimetre wave devices
transistors
NT millimetre wave bipolar transistors
millimetre wave field effect transistors
millimetre wave power transistors
SY *MM-wave transistors*
PT solid-state microwave devices
RT microwave transistors
submillimetre wave transistors
DEU Millimeterwellentransistor

millimetre wave tubes
BT electron tubes
millimetre wave devices
SY *MM-wave tubes*
PT microwave tubes
RT electron wave tubes
gyrotrons
microwave tubes
millimetre wave generation
relativistic electron beam tubes
submillimetre wave tubes
DEU Millimeterwellenröhre

millimetre waves
BT radiowaves
SY *millimeter waves*
MM-waves
PT microwaves
RT microwaves
millimetre wave devices
millimetre wave generation
submillimetre waves
terahertz waves
DEU Millimeterwelle

milling
BT machining
NT ball milling
PT machining
materials preparation
RT boring
cutting
materials preparation
milling machines
DEU Mahlen (Zerkleinern)

milling machines
BT machine tools
PT machine tools
RT boring machines
cutting tools
machining chatter
milling
DEU Fräsmaschine

millisecond pulsars
USE pulsars

mills, rolling
USE rolling mills

MIM devices
BT MIM structures
SY *metal-insulator-metal devices*
PT metal-insulator-metal devices
RT thin film capacitors
tunnel diodes
DEU MIM-Bauelement

MIM structures
BT interface phenomena
NT MIM devices
SY *metal-insulator-metal structures*
PT metal-insulator-metal structures
RT metal-insulator boundaries
DEU MIM-Struktur

MIM-Bauelement
DEU for MIM devices

MIM-Struktur
DEU for MIM structures

MIMD computers
USE parallel processing

MIMIC
BT millimetre wave integrated circuits
monolithic integrated circuits
NT bipolar MIMIC
field effect MIMIC
SY *millimetre wave monolithic integrated circuits*
PT MMIC
RT analogue integrated circuits
millimetre wave frequency convertors
millimetre wave phase shifters
MMIC
radiofrequency integrated circuits
DEU MIMIC-Schaltkreis
DSY MIMIC-Schaltung

MIMIC-Schaltkreis
DEU for MIMIC

MIMIC-Schaltung
DUS für MIMIC

MIMO communication
BT telecommunication
PT MIMO systems
RT amplify and forward communication
antenna arrays
channel estimation
cooperative communication
Long Term Evolution
MIMO radar
MIMO systems
mobile radio
OFDM modulation
space-time block codes
wireless channels
DEU MIMO-Kommunikation

MIMO radar
BT radar
PT MIMO communication
MIMO systems
radar signal processing
RT MIMO communication
MIMO systems
radar antennas
radar detection
radar signal processing
DEU MIMO-Radar

MIMO systems
BT multivariable systems
SY *multiple input multiple output systems*
PT multivariable control systems
multivariable systems
RT MIMO communication
MIMO radar
multivariable control systems
precoding
DEU MIMO-System

MIMO-Kommunikation
DEU for MIMO communication

MIMO-Radar
DEU for MIMO radar

MIMO-System
DEU for MIMO systems

MIN routing
USE multiprocessor interconnection networks
\+ network routing

MINDO calculations
BT NDO calculations
SY *modified incomplete neglect of differential overlap calculations*
PT molecular orbitals calculations
orbital calculation methods
RT AM1 calculations
MNDO calculations
PM3 calculations
DEU MINDO-Berechnung
DSY MINDO-Kalkulation

MINDO-Berechnung
DEU for MINDO calculations

MINDO-Kalkulation
DUS für MINDO calculations

mineral processing
BT manufacturing processes
UF *Bayer process / alumina* + *manufacturing processes* + *mineral processing*
UF *microbial hydrometallurgy / biotechnology* + *mineral processing*
PT mineral processing industry
RT biotechnology
crushing
filtration
flocculation
flotation (process)
leaching
mineral processing industry
minerals
mining
mining industry
quarrying industry
separation
sieving
DEU Mineralienaufbereitung

mineral processing industry
BT industries
UF *mines (mineral) / mineral processing industry* + *minerals* + *mining*
PT industries
RT electrowinning
leaching
mineral processing
minerals
mining

mining industry
quarrying industry
refining
screening equipment (materials processing)
DEU Mineralstoffindustrie
DSY Steine- und Erdenindustrie

mineral resources
USE minerals
\+ natural resources

Mineralienaufbereitung
DEU for mineral processing

Mineralogie
DEU for mineralogy

mineralogy
USE minerals
DEU Mineralogie

minerals
NT asbestos
corundum
diamond
mica
quartz
UF *lunar minerals / lunar rocks + minerals*
SY *lunar rocks and minerals*
UF *mineral resources / minerals + natural resources*
SY *mineralogy*
UF *mines (coal) / coal + minerals + mining + mining industry*
UF *mines (mineral) / mineral processing industry + minerals + mining*
SY *ores*
UF *planetary minerals / minerals + planetary rocks*
PT Mineral
RT geology
ice
leaching
lunar rocks
mineral processing
mineral processing industry
planetary rocks
quarrying industry
raw materials
rocks
skutterudites
DEU Mineral

Mineralstoffindustrie
DEU for mineral processing industry

Mineral
DEU for minerals

mines (coal)
USE coal
\+ minerals
\+ mining
\+ mining industry

mines (mineral)
USE mineral processing industry
\+ minerals
\+ mining

mines (weapons)
USE weapons

Minicomputer
DEU for minicomputers

minicomputers
BT digital computers
PT digital computers
RT DEC computers
IBM computers
ICL computers
mainframes
microcomputers
Prime computers
Unisys computers
DEU Minicomputer
DSY Minirechner

minimal supersymmetric standard model
BT standard model
supersymmetric field theory
SY *MSSM*
PT standard model
supersymmetric field theory
supersymmetry
RT models beyond standard model
supersymmetry
DEU minimal-supersymmetrisches Standardmodell

minimal-supersymmetrisches Standardmodell
DEU for minimal supersymmetric standard model

minimale Aberration
DUS für aberrations

minimale metallische Leitfähigkeit
DEU for minimum metallic conductivity

minimally invasive surgery
USE surgery

Minimalprinzip
DEU for minimum principle

minimax techniques
BT optimisation
SY *maxmin technique*
minmax technique
PT optimisation
RT catastrophe theory
DEU Minimax-Methode
DSY Minimax-Technik

Minimax-Methode
DEU for minimax techniques

Minimax-Technik
DUS für minimax techniques

Minimierung
DEU for minimisation

Minimierung von Schaltnetzen
DEU for minimisation of switching nets

minimisation
BT optimisation
NT minimisation of switching nets
SY *minimization*
PT optimisation
RT Banach spaces
linear programming
minimum principle
operations research
switching theory
DEU Minimierung

minimisation of switching nets
BT minimisation
SY *logic minimisation*
minimization of switching nets
RT circuit complexity
logic design
state assignment
switching functions
switching networks
DEU Minimierung von Schaltnetzen

minimization
USE minimisation

minimization of switching nets
USE minimisation of switching nets

minimum entropy methods
BT entropy
PT entropy
RT image processing
maximum entropy methods
spectral analysis
DEU Minimum-Entropie-Methode

minimum mean square error methods
USE least mean squares methods

minimum metallic conductivity
BT electrical conductivity
PT electrical conduction in condensed matter
RT metal-insulator transition
DEU minimale metallische Leitfähigkeit

minimum principle
BT optimal control
PT optimal control
RT minimisation
DEU Minimalprinzip
DSY Minimum-Prinzip

minimum shift keying
BT modulation
SY *fast frequency shift keying*
Gaussian filtered minimum shift keying
GMSK
linear offset quadrature phase shift keying
MSK
PT frequency shift keying
modulation
phase shift keying
RT frequency shift keying
phase shift keying
quadrature amplitude modulation
DEU Minimumumtastung

Minimum-Entropie-Methode
DEU for minimum entropy methods

Minimum-Prinzip
DUS für minimum principle

Minimumumtastung
DEU for minimum shift keying

mining
UF *mines (coal) / coal + minerals + mining + mining industry*
UF *mines (mineral) / mineral*

processing industry + *minerals* + *mining*
RT civil engineering
coal
excavators
flotation (process)
geophysical prospecting
geotechnical engineering
geotechnical structures
mineral processing
mineral processing industry
mining equipment
mining industry
natural gas technology
natural resources
oil technology
quarrying industry
tunnels
DEU Bergbau

mining equipment
BT production equipment
PT mining
RT construction equipment
crushers
mining
mining industry
off-road vehicles
screening equipment (materials processing)
underground equipment
DEU Bergbauausrüstung

mining industry
BT industries
UF *coal industry / coal* + *fuel processing industries* + *mining industry*
UF *mines (coal) / coal* + *minerals* + *mining* + *mining industry*
PT mining
RT flotation (process)
fuel processing industries
mineral processing
mineral processing industry
mining
mining equipment
DEU Bergbauindustrie

Minirechner
DUS für minicomputers

Minitel
USE viewdata

minmax technique
USE minimax techniques

minor planets
USE asteroids

Minoritätsträger
DEU for minority carriers

minority carriers
BT transport processes
PT electrical conductivity of solids
RT electrical conductivity
DEU Minoritätsträger

Mira variables
USE giant stars
\+ variable stars

mirages
USE atmospheric optics
\+ light refraction

mirror antennas
USE reflector antennas

mirrors
NT distributed Bragg reflectors
laser mirrors
micromirrors
UF *electron mirrors / electron optics* + *mirrors*
RT aspherical optics
laser accessories
light reflection
optical elements
optical materials
reflection
retroreflectors
solar energy concentrators
telescopes
wavefront sensors
X-ray optics
DEU Spiegel

mirrors, magnetic
USE magnetic mirrors

MIS capacitors
BT capacitors
MIS devices
NT MOS capacitors
SY *metal-insulator-semiconductor capacitors*
PT capacitors
metal-insulator-semiconductor devices
RT field effect integrated circuits

DEU MIS-Kondensator

MIS devices
BT field effect devices
MIS structures
NT charge-coupled devices
MIS capacitors
MISFET
MOS-controlled thyristors
SY *metal-insulator-semiconductor devices*
metal-oxide-semiconductor devices
MOS devices
PT metal-insulator-semiconductor devices
RT field effect transistors
DEU MIS-Bauelement
DSY MIS-Gerät

MIS structures
BT interface phenomena
NT MIS devices
SY *metal-insulator-semiconductor structures*
metal-oxide-semiconductor structures
MNOS structures
MOS structures
PT metal-insulator-semiconductor structures
RT accumulation layers
inversion layers
MFIS structures
semiconductor-insulator boundaries
DEU MIS-Struktur

MIS-Bauelement
DEU for MIS devices

MIS-Gerät
DUS für MIS devices

MIS-Kondensator
DEU for MIS capacitors

MIS-Struktur
DEU for MIS structures

Mischbarkeit
DEU for miscibility

Mischen (Chemietechnik)
DEU for blending

Mischen (Daten)
DEU for merging

Mischen (Prozess)
DEU for mixing

Mischen (Vefahrenstechnik)
DUS für blending

mischmetal
USE rare earth alloys

Mischmodell
DEU for mixture models

Mischstatus
DEU for mixed state

Mischung
DEU for mixtures

Mischungswärme
DEU for heat of mixing

Mischvalenzverbindung
DEU for mixed valence compounds

Mischzustand
DUS für mixed state

miscibility
USE solubility
DEU Mischbarkeit

MISFET
BT insulated gate field effect transistors
MIS devices
NT MOSFET
SY *metal-insulator-semiconductor field effect transistors*
MNOS transistors
PT insulated gate field effect transistors
RT field effect integrated circuits
MFIS structures
DEU MISFET-Bauelemet

MISFET-Bauelemet
DEU for MISFET

missile control
BT aerospace control
missiles
NT missile guidance
PT aerospace computer control
aerospace control
missiles

RT attitude control
torpedoes
trajectory optimisation (aerospace)
DEU Flugkörpersteuerung
DSY Raketensteuerung

missile guidance
BT missile control
navigation
PT missiles
RT military communication
tracking
DEU Flugkörperzielvorgabe
DSY Raketenzielvorgabe

missiles
BT weapons
NT missile control
torpedoes
SY *ballistic missiles*
UF *hypersonic vehicles / aircraft + missiles*
UF *SDI (weapon systems) / military systems + missiles + weapons*
RT aircraft
ballistics
defence industry
fuzes (detonation)
ground support equipment
ground support systems
military equipment
plasma sheaths
projectiles
rocket engines
rockets
DEU Flugkörper

missing mass
USE dark matter

Mitarbeit
DEU for collaborative work

Mitarbeiterschaft
DUS für personnel

mitgekoppelter Verstärker
DEU for feedforward amplifiers

mitgekoppeltes Neuronalnetzwerk
DEU for feedforward neural nets

Mitkopplung
DUS für feedforward

mitschwingender Leistungsumformer
DEU for resonant power convertors

Mittelboson
DEU for intermediate bosons

Mitteldruck
DUS für pressure

Mittelfrequenzverstärker
DEU for intermediate-frequency amplifiers

mittelporöser Material
DEU for mesoporous materials

mittelporöser Werkstoff
DUS für mesoporous materials

mittlere Boson-Masse
DEU for intermediate boson mass

mittlere Bosonproduktion
DEU for intermediate boson production

mittlere Bosonwechselwirkung
DEU for intermediate boson interactions

mittlere Entfernungskraft
DEU for intermediate range forces

mittlere Quadratfehlermethode
DUS für mean square error methods

mittlerer Boson-Zerfall
DEU for intermediate boson decay

mixed analogue-digital integrated circuits
BT application specific integrated circuits
SY *mixed signal integrated circuits*
mixed-mode integrated circuits
PT application specific integrated circuits
RT analogue circuits
analogue integrated circuits
analogue processing circuits
digital integrated circuits
system-on-chip
DEU gemischtes integriertes Analog-Digital-Bauelement
DSY gemischtes integriertes Digital-Analog-Bauelement
intergriertes gemischtes Analog-Digital-Bauelement
intergriertes gemischtes Digital-Analog-Bauelement

mixed conductivity
BT electrical conductivity
PT electrical conductivity of solids
DEU gemischte Leitfähigkeit

mixed signal integrated circuits
USE mixed analogue-digital integrated circuits

mixed state
BT type II superconductors
NT flux creep
flux flow
flux pinning
flux-line lattice
SY *vortex state (superconductivity)*
PT equilibrium properties of superconductors
superconducting materials
DEU Mischstatus
DSY Mischzustand

mixed valence compounds
BT inorganic compounds
SY *intermediate valence compounds*
valence fluctuations
RT strongly correlated electron systems
valency
DEU Mischvalenzverbindung

mixed-mode integrated circuits
USE mixed analogue-digital integrated circuits

mixers (circuits)
BT networks (circuits)
NT microwave mixers
millimetre wave mixers
Schottky diode mixers
submillimetre wave mixers
superconducting mixers
UHF mixers
SY *mixing circuits*
RT baluns
demodulators
frequency convertors
LC circuits
modulators
oscillators
radio receivers
submillimetre wave devices
superheterodyne receivers
DEU Frequenzumsetzer

mixing
NT blending
dissolving
PT solutions
RT gas mixtures
heat of mixing
heat of solution
ion beam mixing
liquid mixtures
materials handling
mixtures
phase separation
solubility
solutions
DEU Mischen (Prozess)

mixing circuits
USE mixers (circuits)

mixing, heat of
USE heat of mixing

mixture models
BT statistics
UF *Gaussian mixture models / Gaussian processes + mixture models*
RT feature extraction
image segmentation
speaker recognition
statistical distributions
DEU Mischmodell

mixtures
NT critical mixtures
gas mixtures
liquid mixtures
RT composite materials
disperse systems
mixing
solutions
DEU Mischung

ML (Programmiersprache)
DEU for ML language

ML language
BT functional languages
PT formal languages
functional languages
type theory
RT formal languages
type theory
DEU ML (Programmiersprache)

MLB
USE printed circuits

MLC capacitors
USE ceramic capacitors

MLE
USE maximum likelihood estimation

MLE growth
USE atomic layer epitaxial growth

Mlrnov oscillations
USE plasma oscillations

MLS
USE microwave landing systems

MLSE
USE maximum likelihood sequence estimation

MM-wave amplifiers
USE millimetre wave amplifiers

MM-wave antenna arrays
USE millimetre wave antenna arrays

MM-wave antennas
USE millimetre wave antennas

MM-wave bipolar integrated circuits
USE bipolar MIMIC

MM-wave bipolar transistors
USE millimetre wave bipolar transistors

MM-wave circuits
USE millimetre wave circuits

MM-wave circulators
USE millimetre wave circulators

MM-wave couplers
USE millimetre wave couplers

MM-wave detectors
USE millimetre wave detectors

MM-wave devices
USE millimetre wave devices

MM-wave diodes
USE millimetre wave diodes

MM-wave directional couplers
USE millimetre wave directional couplers

MM-wave field effect integrated circuits
USE field effect MIMIC

MM-wave field effect transistors
USE millimetre wave field effect transistors

MM-wave filters
USE millimetre wave filters

MM-wave frequency convertors
USE millimetre wave frequency convertors

MM-wave generation
USE millimetre wave generation

MM-wave imaging
USE millimetre wave imaging

MM-wave integrated circuits
USE millimetre wave integrated circuits

MM-wave lasers
USE millimetre wave lasers

MM-wave magnetic devices
USE magnetic millimetre wave devices

MM-wave measurement
USE millimetre wave measurement

MM-wave mixers
USE millimetre wave mixers

MM-wave oscillators
USE millimetre wave oscillators

MM-wave phase shifters
USE millimetre wave phase shifters

MM-wave power amplifiers
USE millimetre wave power amplifiers

MM-wave power transistors
USE millimetre wave power transistors

MM-wave propagation
USE millimetre wave propagation

MM-wave radar
USE millimetre wave radar

MM-wave receivers
USE millimetre wave receivers

MM-wave spectra
USE millimetre wave spectra

MM-wave spectrometers
USE millimetre wave spectroscopy

MM-wave spectroscopy
USE millimetre wave spectroscopy

MM-wave transistors
USE millimetre wave transistors

MM-wave tubes
USE millimetre wave tubes

MM-waves
USE millimetre waves

MMIC
BT microwave integrated circuits
monolithic integrated circuits
NT bipolar MMIC
field effect MMIC
MMIC amplifiers
MMIC frequency convertors
MMIC mixers
MMIC oscillators
MMIC phase shifters
UF *MMIC switches / microwave switches + MMIC*
SY *monolithic microwave integrated circuits*
PT field effect integrated circuits
microwave integrated circuits
monolithic integrated circuits
RT analogue integrated circuits
baluns
coplanar waveguide components
coplanar waveguides
field effect integrated circuits
microwave frequency convertors
microwave phase shifters
microwave switches
MIMIC
radiofrequency integrated circuits
UHF integrated circuits
waveguide components
DEU MMIC-Schaltkreis
DSY MMIC-Schaltung

MMIC amplifiers
BT microwave amplifiers
MMIC
NT MMIC power amplifiers
PT microwave amplifiers
MMIC
RT millimetre wave amplifiers
UHF amplifiers
DEU MMIC-Verstärker

MMIC frequency convertors
BT microwave frequency convertors
MMIC
PT frequency convertors
MMIC
RT millimetre wave frequency convertors
UHF frequency convertors
DEU MMIC-Frequenzkonverter

MMIC mixers
BT microwave mixers
MMIC
PT mixers (circuits)
MMIC
RT millimetre wave mixers
UHF mixers
DEU MMIC-Frequenzumsetzer
DSY MMIC-Mischer

MMIC oscillators
BT microwave oscillators
MMIC
PT microwave oscillators
MMIC
RT millimetre wave oscillators
UHF oscillators
DEU MMIC-Schwingkreis

MMIC phase shifters
BT microwave phase shifters
MMIC
PT MMIC
phase shifters
RT millimetre wave phase shifters
UHF phase shifters
DEU MMIC-Phasenverschiebung

MMIC power amplifiers
BT microwave power amplifiers
MMIC amplifiers
PT microwave amplifiers
MMIC
power amplifiers
RT millimetre wave power amplifiers
UHF power amplifiers
DEU MMIC-Leistungsverstärker

MMIC switches
USE microwave switches
\+ MMIC

MMIC-Frequenzkonverter
DEU for MMIC frequency convertors

MMIC-Frequenzumsetzer
DEU for MMIC mixers

MMIC-Leistungsverstärker
DEU for MMIC power amplifiers

MMIC-Mischer
DUS für MMIC mixers

MMIC-Phasenverschiebung
DEU for MMIC phase shifters

MMIC-Schaltkreis
DEU for MMIC

MMIC-Schaltung
DUS für MMIC

MMIC-Schwingkreis
DEU for MMIC oscillators

MMIC-Verstärker
DEU for MMIC amplifiers

MMSE
USE least mean squares methods

mmwFET
DUS für millimetre wave field effect transistors

Mn (chemical element)
USE manganese
DEU Mn (chemisches Element)

Mn (chemisches Element)
DEU for Mn (chemical element)

MNDO calculations
BT NDO calculations
NT AM1 calculations
PM3 calculations
SY *modified neglect of differential overlap calculations*
PT NDO calculations
RT MINDO calculations
DEU MNDO-Berechnung
DSY MNDO-Kalkulation

MNDO-Berechnung
DEU for MNDO calculations

MNDO-Kalkulation
DUS für MNDO calculations

MNOS structures
USE MIS structures

MNOS transistors
USE MISFET

Mo (chemical element)
USE molybdenum
DEU Mo (chemisches Element)

Mo (chemisches Element)
DEU for Mo (chemical element)

MO calculations
USE orbital calculations

Mobilantenne
DUS für mobile antennas

mobile ad hoc networks
BT ad hoc networks
mobile radio
NT vehicular ad hoc networks
SY *MANET*
PT ad hoc networks
mobile radio
RT routing protocols
telecommunication network routing
telecommunication network topology
telecommunication security
DEU mobiles Ad-hoc-Netz
DSY mobiles Ad-hoc-Netzwerk

mobile agents
BT software agents
PT software agents
RT distributed object management
distributed programming
DEU mobiler Agent
DSY mobiler Handelnder
mobiler Vertreter
mobiles Mittel

mobile antennas
BT antennas
NT aircraft antennas
RT fractal antennas
mobile handsets
mobile satellite communication
planar inverted-F antennas
wearable antennas
DEU Autoantenne
DSY bewegliche Antenne

fahrbare Antenne
Fahrzeugantenne
Kraftfahrzeugantenne
Mobilantenne
mobile Antenne

mobile Antenne
DUS für mobile antennas

mobile code
USE distributed programming

mobile commerce
BT electronic commerce
mobile computing
SY *m-commerce*
PT electronic commerce
RT Internet
marketing data processing
mobile radio
retail data processing
DEU mobiler Handel
DSY Netzhandel

mobile communication
BT telecommunication
NT aircraft communication
mobile radio
mobile television
railway communication
PT mobile communication systems
RT digital multimedia broadcasting
indoor communication
marine communication
military equipment
optical communication
personal communication networks
radio links
radiocommunication
radiotelephony
space communication links
transportation
underwater acoustic communication
underwater acoustic telemetry
DEU bewegliches Kommunikationssystem

mobile Computeranwendung
DEU for mobile computing

mobile computers
USE mobile computing
\+ portable computers

mobile computing
BT distributed processing
ubiquitous computing
NT mobile commerce
UF *location awareness / mobile computing + mobility management (mobile radio)*
UF *mobile computers / mobile computing + portable computers*
PT distributed processing
wireless LAN
RT ad hoc networks
ambient intelligence
Android (operating system)
Bluetooth
Bring Your Own Device
home networks
iOS (operating system)
mobile handsets
mobile radio
near-field communication
personal area networks
smart phones
teleworking
wearable computers
wireless LAN
DEU mobile Computeranwendung
DSY mobile Datenverarbeitung
mobile Rechneranwendung

mobile Datenverarbeitung
DUS für mobile computing

mobile handsets
BT telephone sets
NT smart phones
SY *mobile phone handsets*
PT telephone sets
RT cellular radio
mobile antennas
mobile computing
mobile radio
near-field communication
personal communication networks
radio transceivers
UHF antennas
DEU mobiles Handset

mobile Kommunikation der 3. Generation
DUS für 3G mobile communication

mobile Kommunikation der dritten Generation
DUS für 3G mobile communication
4G mobile communication

mobile Kommunikation der vierten Generation
DUS für 4G mobile communication

mobile location management
USE mobility management (mobile radio)

mobile office
USE teleworking

mobile phone handsets
USE mobile handsets

mobile power plants
BT power plants
NT space vehicle power plants
RT aircraft power systems
marine power systems
DEU mobiles Elektrizitätswerk
DSY mobiles Kraftwerk

mobile radio
BT mobile communication
radiocommunication
NT 3G mobile communication
4G mobile communication
land mobile radio
Long Term Evolution
mobile ad hoc networks
mobile satellite communication
mobility management (mobile radio)
paging communication
UF *digital mobile radio / digital radio* + *mobile radio*
PT mobile radio systems
RT ad hoc networks
adjacent channel interference
Bluetooth
body area networks
channel allocation
channel estimation
cochannel interference
code division multiple access
cooperative communication
cordless telephone systems
delay tolerant networks
digital radio
frequency division multiple access
home networks
indoor radio
MIMO communication
mobile commerce
mobile computing
mobile handsets
mobile television
multiuser detection
near-field communication
OFDM modulation
packet reservation multiple access
personal area networks
personal communication networks
quality of experience
radio access networks
radio tracking
radio transceivers
radio-over-fibre
railway communication
routing protocols
smart phones
software radio
space division multiple access
spread spectrum communication
time division multiple access
wireless channels
wireless LAN
DEU beweglicher Funkdienst

mobile Rechneranwendung
DUS für mobile computing

mobile robots
BT robots
NT legged locomotion
rescue robots
UF *autonomous land vehicles / artificial intelligence* + *mobile robots* + *vehicles*
UF *RoboCup / mobile robots* + *multi-robot systems*
PT industrial robots
robots
RT aerospace robotics
automatic guided vehicles
autonomous aerial vehicles
autonomous underwater vehicles
collision avoidance
humanoid robots
industrial robots
inspection
laser ranging
marine control
microrobots
path planning
planetary rovers
remotely operated vehicles
robot dynamics
robot kinematics
robot vision
service robots
SLAM (robots)
telerobotics
underwater vehicles
DEU mobiler Roboter

mobile satellite communication
BT mobile radio
satellite communication
SY *satellite mobile communication*
PT mobile radio systems
satellite relay systems
RT digital radio
land mobile radio
mobile antennas
satellite antennas
DEU mobile Satellitenkommunikation

mobile Satellitenkommunikation
DEU for mobile satellite communication

mobile television
BT mobile communication
television
PT mobile communication
RT digital multimedia broadcasting
digital video broadcasting
Internet
mobile radio
multimedia communication
video coding
DEU mobiles Fernsehen

mobiler Agent
DEU for mobile agents

mobiler Handel
DEU for mobile commerce

mobiler Handelnder
DUS für mobile agents

mobiler Roboter
DEU for mobile robots

mobiler Vertreter
DUS für mobile agents

mobiles Ad-hoc-Netz
DEU for mobile ad hoc networks

mobiles Ad-hoc-Netzwerk
DUS für mobile ad hoc networks

mobiles Elektrizitätswerk
DEU for mobile power plants

mobiles Fernsehen
DEU for mobile television

mobiles Funknetz
DUS für 3G mobile communication
4G mobile communication

mobiles Handset
DEU for mobile handsets

mobiles Kommunikationsnetz
DUS für 3G mobile communication
4G mobile communication

mobiles Kraftwerk
DUS für mobile power plants

mobiles Mittel
DUS für mobile agents

Mobilitätsmanagement (Mobilfunk)
DEU for mobility management (mobile radio)

mobility management (mobile radio)
BT mobile radio
telecommunication network management
SY *handoff (mobile radio)*
handover (mobile radio)
UF *location awareness / mobile computing + mobility management (mobile radio)*
SY *mobile location management*
PT cellular radio
mobile radio
telecommunication network management
RT cellular radio
personal communication networks
radio direction-finding
DEU Mobilitätsmanagement (Mobilfunk)

mobility, carrier
USE carrier mobility

MOCVD
BT chemical vapour deposition
SY *metalorganic chemical vapour deposition*
UF *MOVPE / MOCVD + vapour phase epitaxial growth*
SY *OMCVD*
UF *OMVPE / MOCVD + vapour phase epitaxial growth*
PT chemical vapour deposition
vapour phase epitaxial growth
RT MOCVD coatings
organometallic compounds
vapour phase epitaxial growth
DEU metallorganische chemische Verdampfungsablagerung
DSY metallorganische chemische Verdampfungsablagerung (MOCVD)

metallorganische
Gasphasenepitaxie
MOCVD (metallorganische
chemische
Verdampfungsablagerung)

MOCVD (metallorganische chemische Verdampfungsablagerung)
DUS für MOCVD

MOCVD coatings
BT CVD coatings
PT CVD coatings
RT MOCVD
DEU metallorganische CVD-Beschichtung
DSY MOCVD-Beschichtung
MOCVD-Überzug

MOCVD-Beschichtung
DUS für MOCVD coatings

MOCVD-Überzug
DUS für MOCVD coatings

modal analysis
BT mathematical analysis
RT damping
mode matching
vibrations
waveguide theory
DEU Modalanalyse

modal logic
USE formal logic

Modalanalyse
DEU for modal analysis

mode matching
RT antenna theory
cavity resonators
coupled mode analysis
dielectric resonators
modal analysis
waveguide theory
DEU Modenanpassung
DSY Modusanpassung

mode softening
USE soft modes

model checking
USE formal verification

model reduction
USE reduced order systems

model reference adaptive control systems
BT adaptive control
control systems
self-adjusting systems
PT adaptive control
RT artificial intelligence
learning systems
modelling
optimal control
DEU Referenzmodell abstimmbare Kontrollanordung
DSY Referenzmodell-abstimmbare Kontrollanordung

model-based reasoning
BT inference mechanisms
PT inference mechanisms
RT case-based reasoning
DEU modell-basiertes Schlussfolgern

modeling
USE modelling
DEU Modellieren (Gestalten)

modeling, computer
USE computer aided analysis

Modell
DEU for models

Modell außerhalb des Standardmodells
DEU for models beyond standard model

modell-basiertes Schlussfolgern
DEU for model-based reasoning

Modellbildung
DEU for modelling

Modellieren
DUS für modelling

Modellieren (Gestalten)
DEU for modeling

Modellierung integrierter Schaltungen
DEU for integrated circuit modelling

modelling
NT corporate modelling
integrated circuit modelling
physiological models
semiconductor device models
semiconductor process modelling

SY *modeling*
models
RT bond graphs
catastrophe theory
control theory
identification
mathematical programming
model reference adaptive control systems
nonlinear programming
optimal control
simulation
step response
system theory
DEU Modellbildung
DSY Modellieren

modelling, computer
USE computer aided analysis

models
USE modelling
DEU Modell

models beyond standard model
BT unified gauge models
PT unified gauge models
RT grand unified theory
minimal supersymmetric standard model
standard model
DEU Modell außerhalb des Standardmodells
DSY über das Standardmodell hinausgehendes Modell

Modem
DEU for modems

modems
BT data communication equipment
demodulators
modulators
SY *modulator-demodulators*
PT demodulators
modulators
RT add-on boards
DEU Modem

Modenanpassung
DEU for mode matching

Modenkopplung
DEU for laser mode locking

moderation (neutron)
USE neutron moderation

Moderator (Kerntechnik)
DEU for moderators

moderators
BT fission reactor materials
RT beryllium
graphite
heavy water
DEU Moderator (Kerntechnik)

modes, laser
USE laser modes

modes, lattice vibrations
USE vibrational modes

modes, vibration
USE vibrational modes

MODFET
USE high electron mobility transistors

MODFET circuits
USE HEMT circuits

MODFET integrated circuits
USE HEMT integrated circuits

MODFET switches
USE field effect transistor switches

modified incomplete neglect of differential overlap calculations
USE MINDO calculations

modified neglect of differential overlap calculations
USE MNDO calculations

MODOR
USE microwave-optical double resonance

Modul
DEU for modules

Modula
BT high level languages
PT high level languages
RT Modula listings
DEU Modula (Programmiersprache)

Modula (Programmiersprache)
DEU for Modula

Modula listings
BT complete computer programs
PT complete computer programs
RT Modula
DEU Modula-Programm

Modula-Programm
DEU for Modula listings

modular construction
BT construction
PT building
modules
RT Fotovoltaikbuilding
modules
prefabricated construction
DEU modulare Bauweise
DSY Modulbauweise

modulare Bauweise
DEU for modular construction

modulation
NT adaptive modulation
amplitude modulation
angle modulation
chirp modulation
intensity modulation
intermodulation
minimum shift keying
modulation coding
OFDM modulation
optical modulation
pulse modulation
UF *modulation/demodulation / demodulation + modulation*
RT delay lock loops
demodulation
demodulators
electromagnetic waves
information theory
modulation spectroscopy
modulators
Schwarz-Hora effect
telecommunication
transceivers
transmitters
DEU Modulation (allgemein)

Modulation (allgemein)
DEU for modulation

modulation coding
BT encoding (general)
modulation
NT trellis coded modulation
SY *coded modulation*
PT encoding (general)
modulation
RT OFDM modulation
phase coding
pulse code modulation
DEU Modulationscodierung
DSY Modulationskodierung

modulation doped field effect transistors
USE high electron mobility transistors

modulation spectra
BT spectra (general)
PT modulation spectroscopy
RT electroabsorption
electroreflectance
magnetoabsorption
magnetoreflectance
modulation spectroscopy
optical modulation
photoreflectance
piezoreflectance
thermoreflectance
two-dimensional spectra
DEU Modulationsspektrum

modulation spectroscopy
BT spectroscopy
NT appearance potential
spectroscopy
PT spectroscopy
RT laser beam applications
measurement by laser beam
modulation
modulation spectra
optical modulation
two-dimensional spectroscopy
DEU Modulations-Spektroskopie
DSY Modulationsspektroskopie

modulation transfer function
USE optical transfer function

Modulation von Licht
DEU for optical modulation

modulation/demodulation
USE demodulation
\+ modulation

modulational instability
BT plasma instability
PT plasma instability
RT plasma confinement
plasma fluctuations
plasma oscillations
DEU Modulationsinstabilität

Modulations-Spektroskopie
DEU for modulation spectroscopy

Modulationscodierung
DEU for modulation coding

Modulationsinstabilität
DEU for modulational instability

Modulationskodierung
DUS für modulation coding

Modulationsspektroskopie
DUS für modulation spectroscopy

Modulationsspektrum
DEU for modulation spectra

Modulator
DEU for modulators

modulator-demodulators
USE modems

modulators
BT networks (circuits)
NT modems
RT active networks
amplitude modulation
angle modulation
continuous phase modulation
demodulators
frequency modulation
mixers (circuits)
modulation
phase locked loops
phase modulation
pulse amplitude modulation
pulse code modulation
pulse frequency modulation
pulse modulation
pulse position modulation
pulse time modulation
pulse width modulation
radio equipment
sigma-delta modulation
television equipment
transceivers
transmitters
DEU Modulator

Modulbauweise
DUS für modular construction

modules
NT CAMAC
multichip modules
RT integrated circuits
modular construction
packaging
DEU Modul

modulus, Young's
USE Young's modulus

Modusanpassung
DUS für mode matching

Möbel
DEU for furniture

Möbelindustrie
DEU for furniture industry

Möglichkeitstheorie
DEU for possibility theory

MOEMS
USE micro-optomechanical devices

Mörtel
DEU for mortar

Mössbauer-Effekt
DEU for Mossbauer effect

Mössbauer-Spektrometer
DEU for Mossbauer spectrometers

Mössbauer-Spektrometrie
DEU for Mossbauer spectroscopy

Mössbauer-Spektroskopie
DUS für Mossbauer spectroscopy

Mössbauerspektrometer
DUS für Mossbauer spectrometers

Mohorovicic discontinuity
USE Earth crust
+ Earth mantle

moire fringes
BT electromagnetic wave interference
PT light interference
light interferometry
RT electromagnetic wave
interferometry
light interference

light interferometry
Talbot effect
DEU Moire-Franse
DSY Moire-Linie
Moire-Streifen

Moire-Franse
DEU for moire fringes

Moire-Linie
DUS für moire fringes

Moire-Streifen
DUS für moire fringes

moistening
USE wetting

moisture
RT atmospheric humidity
environmental degradation
humidity
hydrology
moisture control
moisture measurement
water
DEU Feuchtegehalt

moisture control
BT chemical variables control
NT humidity control
RT moisture
moisture measurement
DEU Feuchtigkeitssteuerung

moisture measurement
BT chemical variables measurement
NT humidity measurement
RT atmospheric humidity
humidity
moisture
moisture control
DEU Feuchtigkeitsmessung

MOKE
USE Kerr magneto-optical effect

molar volume
USE density

molare Masse
DEU for molecular weight

molding
USE moulding

molecular alignment
USE molecular orientation

molecular beam electric resonance
BT resonance
PT resonance
RT molecular beams
DEU Molekularstrahlenelektroresonanz

molecular beam epitaxial growth
BT vapour phase epitaxial growth
SY *MBE*
migration-enhanced epitaxy
PT vapour phase epitaxial growth
RT chemical beam epitaxial growth
DEU Molekularstrahlepitaxie

molecular beam magnetic resonance
BT magnetic resonance
PT magnetic resonance
RT molecular beams
DEU Molekularstrahlenmagnetresonanz

molecular beams
BT molecules
particle beams
RT atom-molecule collisions
atom-molecule reactions
ion-molecule collisions
ion-molecule reactions
molecular beam electric resonance
molecular beam magnetic resonance
molecular collisions
molecule-molecule collisions
molecule-molecule reactions
molecule-surface impact
particle velocity analysis
rarefied fluid dynamics
DEU Molekularstrahl
DSY Molekularstrahlung

molecular biophysics
BT biophysics
molecules
NT biomolecular effects of radiation
proteomics
UF *biological macromolecules / macromolecules + molecular biophysics*
SY *biomolecules*
PT biophysics
RT biochemistry
bioinformatics
biological EPR
biological NMR
bioluminescence

biomedical materials
biomembrane transport
DNA
gene therapy
genetic engineering
genetics
genomics
lipid bilayers
MALDI mass spectra
microorganisms
molecular communication (telecommunication)
nanobiotechnology
plant diseases
proteins
QSAR
RNA
DEU Molekularbiophysik

molecular bonds
USE bonds (chemical)

molecular clouds
USE interstellar molecular clouds

molecular clusters
BT molecules
SY *clusters, molecular*
RT association (chemical)
intermolecular forces
DEU molekulares Cluster

molecular collisions
BT collision processes
NT atom-molecule collisions
ion-molecule collisions
molecule-electron collisions
molecule-molecule collisions
molecule-neutron collisions
molecule-photon collisions
molecule-positron collisions
molecule-surface impact
rotational-vibrational energy transfer
SY *energy transfer collisions, molecular*
molecular inelastic collisions
molecular pion scattering
PT elastic scattering of atoms and molecules
molecular inelastic collisions
RT ionisation
molecular beams
DEU Molekül-Zusammenstoß

molecular communication (telecommunication)
BT telecommunication
RT channel capacity
encoding (general)
molecular biophysics
nanotechnology
wireless channels
DEU molekulare Kommunikation (Telekommunikation)

molecular computers
USE molecular electronics

molecular computing
USE biocomputing

molecular configuration interactions
USE configuration interactions

molecular configurations
BT molecules
NT isomerism
SY *inorganic molecule configurations*
UF *macromolecular configurations / macromolecules + molecular configurations*
SY *molecular conformations*
molecular structure (geometrical)
organic molecule configurations
PT molecular configurations and dimensions
RT bond angles
bond lengths
bonds (chemical)
chemical structure
chirality
crystal structure
gas phase electron diffraction
hydrogen bonds
DEU molekulare Konfiguration

molecular configurations and dimensions
DEU Molekularconfiguration und -dimension

molecular conformations
USE molecular configurations

molecular dipole moments
USE molecular moments

molecular dipole-dipole nuclear coupling constants
USE dipole coupling

molecular dissociation
USE dissociation

molecular dissociation energies
USE dissociation energies

molecular drag gauges
USE vacuum gauges

molecular dynamics method
BT numerical analysis
RT liquid theory
DEU Molekulardynamikmethode
DSY molekulardynamische Methode

molecular electron correlations
USE electron correlations

molecular electron impact dissociation
USE electron impact dissociation
\+ molecule-electron collisions

molecular electron impact excitation
USE electron impact excitation
\+ molecule-electron collisions

molecular electron impact ionisation
USE electron impact ionisation
\+ molecule-electron collisions

molecular electron scattering
USE molecule-electron collisions

molecular electronic states
BT electronic structure
molecules
SY *electronic structure, molecular*
energy levels, molecular
UF *ligand field theory / bonds (chemical) + crystal field interactions + molecular electronic states*
SY *molecular structure (electronic)*
orbitals, molecular
UF *Weizsacker term / atomic structure + molecular electronic states*
PT inorganic molecule electronic structure
molecular electronic structure
organic molecule electronic structure
RT charge transfer states
configuration interactions
DIM calculations
electron correlations
excited states
fine structure
ground states
hyperfine structure
librational states
orbital calculations
polarisability
rotational states
rotational-vibrational states
vibrational states
vibronic states
DEU molekularer elektronischer Zustand

molecular electronics
NT biomolecular electronics
fullerene devices
nanotube devices
SY *molecular computers*
UF *molecular spintronics / magnetoelectronics + molecular electronics + molecular magnetism*
RT conducting polymers
integrated circuit technology
Langmuir-Blodgett films
nanoelectronics
neural nets
one-dimensional conductivity
organic light emitting diodes
synthetic metals
DEU Molekularelektronik

molecular excited states
USE excited states

molecular fine structure
USE fine structure

molecular fluorescence
USE fluorescence

molecular force constants
BT molecules
UF *Badgers rule / bond lengths + molecular force constants*
UF *force constants / lattice dynamics + molecular force constants*
SY *force fields, molecular*
molecular force fields
PT molecular vibration
RT Coriolis force
force
potential energy functions
rotational states
rotational-vibrational states
translational states
vibrational states
DEU molekulare Kraftkonstante

molecular force fields
USE molecular force constants

molecular hyperfine structure
USE hyperfine structure

molecular inelastic collisions
USE molecular collisions

molecular internal conversion
USE nonradiative transitions

molecular internal mechanics
USE intramolecular mechanics

molecular internal rotation
USE rotational isomerism

molecular intersystem crossing
USE nonradiative transitions

molecular layer epitaxial growth
USE atomic layer epitaxial growth

molecular libration
USE librational states

molecular magnetism
BT magnetism
UF *molecular spintronics / magnetoelectronics + molecular electronics + molecular magnetism*
SY *molecule-based-magnets*
RT magnetic materials
organic compounds
DEU molekularer Magnetismus
DSY Molekularmagnetismus

molecular mass
USE molecular weight

molecular metastable states
USE metastable states

molecular moments
BT molecules
SY *dipole moments, molecular*
molecular dipole moments
molecular nuclear quadrupole moments
molecular quadrupole moments
moments (molecules)
RT electric moments
magnetic moments
polarisability
quadrupole moments
DEU molekulares Moment

molecular neutron diffraction
USE molecule-neutron collisions

molecular neutron scattering
USE molecule-neutron collisions

molecular nuclear quadrupole coupling constants
USE quadrupole coupling

molecular nuclear quadrupole moments
USE molecular moments

molecular orbitals calculations
USE orbital calculations

molecular orientation
BT energy states
liquid structure
molecules
solid structure
SY *molecular alignment*
PT liquid crystals
RT liquid crystals
orientational glasses
DEU Molekülorientierung

molecular photodissociation
USE photodissociation

molecular photoexcitation
USE photoexcitation

molecular photoionisation
USE photoionisation

molecular pion scattering
USE molecular collisions

molecular polarisability
USE polarisability

molecular positron scattering
USE molecule-positron collisions

molecular potentials
USE potential energy functions

molecular predissociation
USE predissociation

molecular quadrupole moments
USE molecular moments

molecular relaxation
DEU molekulare Entspannung

molecular reorientation
BT energy states
liquid structure
molecules
solid structure
UF *molecular rotation in solids / molecular reorientation + nuclear magnetic resonance + plastic crystals*
PT molecular rotation
RT liquid crystals
DEU Molekülreorientierung

molecular resonant states
USE resonant states

molecular rotation calculations
USE rotational states

molecular rotation in solids
USE molecular reorientation
\+ nuclear magnetic resonance
\+ plastic crystals

molecular rotation-vibration
USE rotational-vibrational states

molecular rotation-vibration calculations
USE rotational-vibrational states

molecular rotational energy transfer
USE rotational-vibrational energy transfer

molecular rotational excitation
USE rotational-vibrational energy transfer

molecular rotational relaxation
USE rotational-vibrational energy transfer

molecular rotational states
USE rotational states

molecular rotational-vibrational coupling
USE rotational-vibrational states

molecular rotational-vibrational energy transfer
USE rotational-vibrational energy transfer

molecular rotational-vibrational states
USE rotational-vibrational states

molecular rotation
USE rotational states

molecular rotorsion
USE librational states

molecular rotorsional states
USE librational states

molecular sieves
BT porous materials
UF *microsieves / microfiltration + molecular sieves*
PT porous materials
RT adsorption
chemical technology
microfiltration
nanofiltration
zeolites
DEU Molekularsieb

molecular spintronics
USE magnetoelectronics
\+ molecular electronics
\+ molecular magnetism

molecular structure (electronic)
USE molecular electronic states

molecular structure (geometrical)
USE molecular configurations

molecular torsion
USE librational states

molecular transition probabilities
USE radiative lifetimes

molecular vibration calculations
USE vibrational states

molecular vibration in solids
USE vibrational modes

molecular vibrational energy transfer
USE rotational-vibrational energy transfer

molecular vibrational excitation
USE rotational-vibrational energy transfer

molecular vibrational relaxation
USE rotational-vibrational energy transfer

molecular vibrational states
USE vibrational states

molecular vibration
USE vibrational states

molecular vibronic states
USE vibronic states

molecular weight
BT mass
molecules
SY *molecular mass*
weight, molecular
RT mass spectra
DEU molare Masse
DSY Molekülmasse
Molekulargewicht

molecule-atom collisions
USE atom-molecule collisions

molecule-atom reactions
USE atom-molecule reactions

molecule-based-magnets
USE molecular magnetism

molecule-electron collisions
BT electron collisions
molecular collisions
UF *e, 2e reactions (molecules) / electron impact ionisation + molecule-electron collisions*
SY *electron-molecule collisions*
UF *molecular electron impact dissociation / electron impact dissociation + molecule-electron collisions*
UF *molecular electron impact excitation / electron impact excitation + molecule-electron collisions*
UF *molecular electron impact ionisation / electron impact ionisation + molecule-electron collisions*
SY *molecular electron scattering*
PT elastic scattering of electrons by atoms and molecules
molecular electron impact dissociation
molecular electron impact excitation
molecular electron impact ionisation
RT electron impact dissociation
electron impact excitation
electron impact ionisation
DEU Molekül-Elektronen-Zusammenstoß

molecule-ion collisions
USE ion-molecule collisions

molecule-ion reactions
USE ion-molecule reactions

molecule-molecule collisions
BT molecular collisions
PT molecular inelastic collisions
RT molecular beams
rotational-vibrational energy transfer
DEU Molekül-Molekül-Zusammenstoß

molecule-molecule reactions
BT chemical reactions
PT chemical reactions
RT molecular beams
rotational-vibrational energy transfer
DEU Molekül-Molekül-Reaktion

molecule-neutron collisions
BT molecular collisions
SY *molecular neutron diffraction*
molecular neutron scattering
molecule-neutron interactions
neutron scattering (molecules)
PT molecular neutron scattering
RT neutron diffraction
DEU Molekül-Neutron-Zusammenstoß

molecule-neutron interactions
USE molecule-neutron collisions

molecule-photon collisions
BT molecular collisions
photon collisions
RT photodissociation
photoexcitation
photoionisation
DEU Molekül-Photon-Zusammenstoß

molecule-positron collisions
BT molecular collisions
positron collisions
UF *electron-positron interactions (molecular physics) / molecule-positron collisions + positron annihilation*
SY *molecular positron scattering*
positron scattering (molecules)
positron-molecule collisions
PT elastic scattering of electrons by

atoms and molecules
molecular electron impact dissociation
molecular electron impact excitation
molecular electron impact ionisation
positron annihilation in molecules
RT positron annihilation
positron impact dissociation
positron impact excitation
positron impact ionisation
DEU Molekül-Positron-Zusammenstoß

molecule-surface impact
BT molecular collisions
surface collisions
SY *surface-molecular beam collisions*
PT collision processes
surface phenomena
RT molecular beams
sputtering
DEU Molekül-Oberflächen-Stoß

molecules
NT excimers
exotic molecules
helium neutral molecules
hydrogen neutral molecules
interstellar molecules
macromolecules
molecular beams
molecular biophysics
molecular clusters
molecular configurations
molecular electronic states
molecular force constants
molecular moments
molecular orientation
molecular reorientation
molecular weight
quasimolecules
SY *dimers*
monomers
RT atoms
intermolecular mechanics
ions
kinetic theory
potential energy functions
DEU Molekül

Molekül
DEU for molecules

Molekül-Elektronen-Zusammenstoß
DEU for molecule-electron collisions

Molekül-Molekül-Reaktion
DEU for molecule-molecule reactions

Molekül-Molekül-Zusammenstoß
DEU for molecule-molecule collisions

Molekül-Neutron-Zusammenstoß
DEU for molecule-neutron collisions

Molekül-Oberflächen-Stoß
DEU for molecule-surface impact

Molekül-Photon-Zusammenstoß
DEU for molecule-photon collisions

Molekül-Positron-Zusammenstoß
DEU for molecule-positron collisions

Molekül-Zusammenstoß
DEU for molecular collisions

Molekülmasse
DUS für molecular weight

Molekülorientierung
DEU for molecular orientation

Molekülreorientierung
DEU for molecular reorientation

Molekülspektrum
DEU for molecular spectra

Molekularbiophysik
DEU for molecular biophysics

Molekularconfiguration und -dimension
DEU for molecular configurations and dimensions

Molekulardynamikmethode
DEU for molecular dynamics method

molekulardynamische Methode
DUS für molecular dynamics method

molekulare Entspannung
DEU for molecular relaxation

molekulare Kommunikation (Telekommunikation)
DEU for molecular communication (telecommunication)

molekulare Konfiguration
DEU for molecular configurations

molekulare Kraftkonstante
DEU for molecular force constants

Molekularelektronik
DEU for molecular electronics

molekularer elektronischer Zustand
DEU for molecular electronic states

molekularer Magnetismus
DEU for molecular magnetism

molekulares Cluster
DEU for molecular clusters

molekulares Moment
DEU for molecular moments

Molekulargewicht
DUS für molecular weight

Molekularmagnetismus
DUS für molecular magnetism

Molekularsieb
DEU for molecular sieves

Molekularstrahl
DEU for molecular beams

Molekularstrahlenelektroresonanz
DEU for molecular beam electric resonance

Molekularstrahlenmagnetresonanz
DEU for molecular beam magnetic resonance

Molekularstrahlepitaxie
DEU for molecular beam epitaxial growth

Molekularstrahlung
DUS für molecular beams

Molkereiprodukt
DEU for dairy products

molten carbonate fuel cells
BT fuel cells
SY *MCFC*
PT fuel cells
RT direct carbon fuel cells
electrolytes
fuel cell power plants
DEU Schmelzcarbonatbrennstoffzelle

molten metals
USE liquid metals

molten polymers
USE polymer melts

Molybdän
DEU for molybdenum

Molybdänlegierung
DEU for molybdenum alloys

Molybdänverbindung
DEU for molybdenum compounds

molybdenum
BT transition metals
SY *Mo (chemical element)*
RT molybdenum alloys
molybdenum compounds
DEU Molybdän

molybdenum alloys
BT transition metal alloys
UF *Hastelloy / iron alloys +*
molybdenum alloys + nickel alloys
PT molybdenum compounds
RT molybdenum
molybdenum compounds
DEU Molybdänlegierung

molybdenum compounds
BT transition metal compounds
RT molybdenum
molybdenum alloys
DEU Molybdänverbindung

MOMBE
USE chemical beam epitaxial growth

Moment
DUS für momentum

moment methods
USE method of moments

moments (atoms)
USE atomic moments

moments (electric)
USE electric moments

moments (magnetic)
USE magnetic moments

moments (molecules)
USE molecular moments

momentum
BT mechanics
NT angular momentum
linear momentum
PT mechanics
RT angular momentum theory
DEU Impuls
DSY Moment

Mond
DEU for Moon

Mond-Gestein
DEU for lunar rocks

Mond-Inneres
DEU for lunar interior

Mond-Oberfläche
DEU for lunar surface

Monel
USE copper alloys
+ nickel alloys

money management
USE financial management

monitor programs
USE supervisory programs

monitoring
NT computerised monitoring
condition monitoring
environmental monitoring (geophysics)
patient monitoring
process monitoring
radiation monitoring
SY *monitors*
RT alarm systems
recorders
surveillance
DEU Beobachtung

monitoring, computerised
USE computerised monitoring

monitoring, computerized
USE computerised monitoring

monitors
USE monitoring

monitors (computer software)
USE supervisory programs

monitors (displays)
USE computer displays

Monochromator
DEU for monochromators

monochromators
NT X-ray monochromators
SY *optical monochromators*
RT optical elements
DEU Monochromator

monoids
USE group theory

monolayers
BT films
SY *monomolecular films*
UF *self-assembled monolayers / monolayers + self-assembly*
PT adsorbed layers
RT adsorbed layers
chemisorbed layers
Langmuir-Blodgett films
self-assembly
DEU Einzelschicht

monolithic integrated circuits
BT integrated circuits
NT application specific integrated circuits
BIMOS integrated circuits
bipolar integrated circuits
field effect integrated circuits
MIMIC
MMIC
three-dimensional integrated circuits
SY *Bi-FET integrated circuits*
semiconductor integrated circuits
silicon integrated circuits
RT integrated optoelectronics
large scale integration
micromechanical devices
power integrated circuits
semiconductor technology
very high speed integrated circuits
VLSI
DEU integrierte Halbleiterschaltung

monolithic microwave integrated circuits
USE MMIC

Monomer
DEU for monomers

monomers
USE molecules
DEU Monomer

monomolecular films
USE monolayers

Monopolantenne
DEU for monopole antennas

Monopolbildung
DUS für monopoly

monopole antenna arrays
BT antenna arrays
monopole antennas
PT antenna arrays
monopole antennas
DEU Monopolgruppenantenne

monopole antennas
BT antennas
NT monopole antenna arrays
PT antennas
RT antenna arrays
omnidirectional antennas
DEU Monopolantenne

monopoles (magnetic)
USE magnetic monopoles

Monopolgruppenantenne
DEU for monopole antenna arrays

monopoly
BT commerce
RT marketing
microeconomics
DEU Alleinhandelsrecht
DSY Monopolbildung

monsoons
BT meteorology
PT meteorology
RT atmospheric movements
climatology
oceanography
rain
wind
DEU Monsun

Monsun
DEU for monsoons

Montage
DEU for assembling

Montageplanung
DEU for assembly planning

Montageroboter
DEU for robotic assembly

Monte Carlo methods
BT numerical analysis
statistics
NT importance sampling
RT operations research
particle filtering (numerical methods)
probability
random functions
random processes
sampling methods
stochastic processes
tolerance analysis
Weibull distribution
DEU Monte-Carlo-Methode

Monte-Carlo-Methode
DEU for Monte Carlo methods

Moon
BT planetary satellites
NT lunar interior
lunar rocks
lunar surface
UF *lunar atmosphere / Moon + planetary atmospheres*
UF *lunar laser ranging / astronomical techniques + laser ranging + Moon*
RT eclipses
occultations
planetary remote sensing
DEU Mond

Moon structure
USE lunar interior

Moon surface
USE lunar surface

moonquakes
USE lunar interior

mopeds
USE motorcycles

morale
USE human factors
\+ human resource management

Morin temperature
BT magnetic transition temperature
PT magnetic transitions of substances
RT ferromagnetic-antiferromagnetic transitions
weak ferromagnetism
DEU Morin-Temperatur

Morin-Temperatur
DEU for Morin temperature

Morphologie (Mathematik)
DEU for mathematical morphology

morphology, crystal
USE crystal morphology

morphology, mathematical
USE mathematical morphology

Morse potential
BT potential energy functions
RT intermolecular mechanics
intramolecular mechanics
kinetic theory
DEU Morse-Potential
DSY Morse-Potenzial

Morse-Potential
DEU for Morse potential

Morse-Potenzial
DUS für Morse potential

mortar
BT building materials
chemical products
RT cements (building materials)
plasticisers
sand
DEU Mörtel

mortars (weapons)
USE weapons

mortgage processing
BT banking
building societies
PT banking
building societies
RT insurance
property market
real estate data processing
DEU Hypothekenverarbeitung

MOS analogue integrated circuits
BT field effect analogue integrated circuits
MOS integrated circuits
NT CMOS analogue integrated circuits
SY *linear MOS circuits*
PT linear integrated circuits
MOS integrated circuits
RT analogue processing circuits
DEU analoge integrierte MOS-Schaltung
DSY analoger integrierter MOS-Schaltkreis

MOS capacitors
BT MIS capacitors
SY *metal-oxide-semiconductor capacitors*
PT capacitors
metal-insulator-semiconductor devices
RT MOS integrated circuits
DEU MOS-Kondensator

MOS devices
USE MIS devices

MOS digital integrated circuits
BT field effect digital integrated circuits
MOS integrated circuits
NT CMOS digital integrated circuits
MOS logic circuits
MOS memory circuits
PT digital integrated circuits
MOS integrated circuits
RT application specific integrated circuits
DEU integrierte digitale MOS-Schaltung
DSY integrierter digitaler MOS-Schaltkreis

MOS integrated circuits
BT field effect integrated circuits
MOSFET circuits
NT CMOS integrated circuits
MOS analogue integrated circuits
MOS digital integrated circuits
SY *DMOS integrated circuits*
HMOS integrated circuits
NMOS integrated circuits
PMOS integrated circuits
VMOS integrated circuits
PT field effect integrated circuits
RT BIMOS integrated circuits
MOS capacitors
MOSFET

SIMOX
DEU integrierte MOS-Schaltung
DSY integrierter MOS-Schaltkreis

MOS logic circuits
BT field effect logic circuits
MOS digital integrated circuits
NT CMOS logic circuits
PT integrated logic circuits
MOS integrated circuits
RT application specific integrated circuits
DEU Logik-MOS-Schaltkreis
DSY Logik-MOS-Schaltung
MOS-Logikschaltkreis
MOS-Logikschaltung

MOS memory circuits
BT field effect memory circuits
MOS digital integrated circuits
NT CMOS memory circuits
PT DRAM chips
integrated memory circuits
MOS integrated circuits
SRAM chips
RT DRAM chips
SRAM chips
DEU MOS-Speicherschaltkreis
DSY MOS-Speicherschaltung

MOS structures
USE MIS structures

MOS transistors
USE MOSFET

MOS-controlled thyristors
BT MIS devices
thyristors
SY *metal-oxide-semiconductor-controlled thyristors*
PT metal-insulator-semiconductor devices
thyristors
DEU MOS-gesteuerter Thyristor

MOS-gesteuerter Thyristor
DEU for MOS-controlled thyristors

MOS-Kondensator
DEU for MOS capacitors

MOS-Logikschaltkreis
DUS für MOS logic circuits

MOS-Logikschaltung
DUS für MOS logic circuits

MOS-Speicherschaltkreis
DEU for MOS memory circuits

MOS-Speicherschaltung
DUS für MOS memory circuits

mosaic structure
BT crystal microstructure
PT mosaic structure (microstructure)
DEU Mosaikstruktur

Mosaikstruktur
DEU for mosaic structure

MOSFET
BT MISFET
NT power MOSFET
SY *FinFET*
metal-oxide-semiconductor field effect transistors
MOS transistors
NMOS transistors
PMOS transistors
VMOS transistors
PT insulated gate field effect transistors
RT CMOS integrated circuits
MOS integrated circuits
MOSFET circuits
negative bias temperature instability
SIMOX
DEU MOSFET (Bauelement)

MOSFET (Bauelement)
DEU for MOSFET

MOSFET circuits
BT field effect transistor circuits
NT MOS integrated circuits
PT field effect transistor circuits
RT MOSFET
DEU MOSFET-Schaltkreis
DSY MOSFET-Schaltung

MOSFET switches
USE field effect transistor switches

MOSFET-Schaltkreis
DEU for MOSFET circuits

MOSFET-Schaltung
DUS für MOSFET circuits

Mossbauer effect
BT gamma-ray spectra
nuclear energy level transitions
NT Mossbauer spectrometers
Mossbauer spectroscopy
SY *crystal resonant gamma-ray interactions*
Mossbauer spectra
resonant absorption of gamma-rays
resonant gamma-ray interactions in crystals
RT gamma-ray spectroscopy
quadrupole interactions
DEU Mössbauer-Effekt

Mossbauer spectra
USE Mossbauer effect

Mossbauer spectrometers
BT gamma-ray spectrometers
Mossbauer effect
PT gamma-ray spectrometers
Mossbauer effect
RT Mossbauer spectroscopy
DEU Mössbauer-Spektrometer
DSY Mössbauerspektrometer

Mossbauer spectroscopy
BT gamma-ray spectroscopy
Mossbauer effect
PT gamma-ray spectroscopy
Mossbauer effect
RT Mossbauer spectrometers
DEU Mössbauer-Spektrometrie
DSY Mössbauer-Spektroskopie

motion compensation
BT compensation
image motion analysis
PT motion estimation
RT motion control
motion estimation
video coding
visual servoing
DEU Bewegungskompensation

motion control
BT spatial variables control
PT position control
RT legged locomotion
marine control
motion compensation
motion measurement
position control
velocity control
DEU Bewegungssteuerung

motion estimation
BT image motion analysis
PT computer vision
RT computer vision
motion compensation
motion measurement
object tracking
path planning
spatiotemporal phenomena
video coding
DEU Bewegungsschätzung

motion measurement
BT spatial variables measurement
NT gaze tracking
RT biomechanics
image motion analysis
motion control
motion estimation
position measurement
velocity measurement
visual servoing
DEU Bewegungsmessung

motion picture photography
USE cinematography
DEU Filmtechnik

motion planning
USE path planning

motivation
USE human factors
\+ human resource management

Motor
DEU for engines

motor cars
USE automobiles

motor drives
BT electric drives
electric motors
NT AC motor drives
DC motor drives
traction motor drives
PT electric drives
variable speed drives
RT variable speed drives
DEU Antriebsmotor
DSY Motorantrieb

motor industry
USE automobile industry

Motor mit innerer Verbrennung
DEU for internal combustion engines

motor protection
BT electric motors
machine protection
NT AC motor protection
DC motor protection
traction motor protection
PT machine protection
DEU Motorschutz

Motorantrieb
DUS für motor drives

motorbikes
USE motorcycles

motorcoaches
BT electric vehicles
PT road vehicles
RT electric locomotives
DEU Triebwagen

motorcycles
BT road vehicles
SY *mopeds*
motorbikes
scooters
PT road vehicles
DEU Motorrad

Motordruck
DUS für pressure

Motorrad
DEU for motorcycles

motors, electric
USE electric motors

motors, hydraulic
USE hydraulic motors

Motorschutz
DEU for motor protection

Motorträger
DEU for engine mountings

Motorzylinder
DEU for engine cylinders

Mott insulator
USE localised states

Mott transition
USE metal-insulator transition

moulding
BT forming processes
NT blow moulding
compression moulding
injection moulding
transfer moulding
SY *molding*
UF *replica molding / moulding + replica techniques + soft lithography*
UF *replica moulding / moulding + replica techniques + soft lithography*
RT electroforming
encapsulation
foundries
ingots
materials preparation
micromachining
moulding equipment
packaging
soft lithography
thermoforming
DEU Pressformen
DSY Spritzgießen
Spritzguss
Spritzpressen

moulding equipment
BT production
production equipment
PT moulding
RT moulding
DEU Formausrüstung
DSY Pressformausrüstung
Pressgießausrüstung
Spritzgießausrüstung
Spritzgussausrüstung
Umformausrüstung

mountings
BT mechanical products
UF *engine mountings / engines + mountings*
RT engines
machine components
vibration control
DEU Befestigen
DSY Befestigung
Halterung

mouse controllers (computers)
BT interactive devices
SY *mice*
PT computer peripheral equipment

RT computer graphic equipment
interactive terminals
light pens
DEU Computerzeigegerät
DSY Maus (Eingabegerät)
Mauscontroller (Computer)

movements, atmospheric
USE atmospheric movements

moving average processes
BT stochastic processes
NT autoregressive moving average processes
RT parameter estimation
signal processing
speech processing
DEU Bewegung zum Durchschnitt
DSY Progression zum Durchschnitt
statistische Mittelwertbildung

moving object databases
USE visual databases

moving-coil instruments
DEU Drehspulinstrument
DSY Drehspulmesswerk

moving-iron instruments
DEU Dreheiseninstrument
DSY Dreheisenmesswerk

moving-magnet instruments
DEU Drehmagnetinstrument
DSY Drehmomentmesswerk

MOVPE
USE MOCVD
\+ vapour phase epitaxial growth

MPI
USE application program interfaces
\+ message passing

MPLS
USE multiprotocol label switching

MPLS-Verfahren
DEU for multiprotocol label switching

MPNDO calculations
USE NDO calculations

MPP-Tracking
DUS für maximum power point trackers

MPPT
USE maximum power point trackers

MPPT (Maximum Power Point Trackers)
DUS für maximum power point trackers

MPSK
USE phase shift keying

MPU
USE microprocessor chips

MQW lasers
USE quantum well lasers

MR-CCM calculations
USE coupled cluster calculations

MRAM devices
BT magnetic storage
random-access storage
SY *magnetic RAM*
magnetoresistive RAM
PT magnetic storage
magnetoresistive devices
random-access storage
RT magnetic switching
magnetic tunnelling
magnetoelectronics
magnetoresistance
magnetoresistive devices
spin valves
DEU MRAM-Speicher

MRAM-Speicher
DEU for MRAM devices

MRI
USE magnetic resonance imaging

MRI (biomedical)
USE biomedical MRI

MRINDO calculations
USE INDO calculations

MRP
USE materials requirements planning

MRP II
USE manufacturing resources planning

MRUHF-NO calculations
USE HF calculations

MS SCF calculations
USE Xalpha calculations

MS stars
USE giant stars

MS Xalpha calculations
USE Xalpha calculations

MSE
USE mean square error methods

MSK
USE minimum shift keying

MSR-Computeranwendung
DUS für control engineering computing

MSR-Rechneranwendung
DUS für control engineering computing

MSSM
USE minimal supersymmetric standard model

Mt (chemical element)
USE meitnerium
DEU Mt (chemisches Element)

Mt (chemisches Element)
DEU for Mt (chemical element)

MTF (optical)
USE optical transfer function

MTL
USE integrated injection logic

mud
USE sediments

Müll (Abfall)
DUS für waste

Müllabwicklung
DUS für waste handling

Müllbehandlung
DUS für waste treatment

Müllbehandlungsausrüstung
DUS für waste handling equipment

Müllbeseitigen
DUS für waste disposal

Müllbeseitigung
DUS für waste disposal

Müllkraftwerk
DUS für waste-to-energy power plants

Müllmanagement
DUS für waste management

Müllreduzierung
DUS für waste reduction

Müllverarbeitungausrüstung
DUS für waste handling equipment

Müllverbrennungskraftwerk
DUS für waste-to-energy power plants

Müllvermeidung
DUS für waste reduction

Müllverwertung
DUS für waste recovery

Mündung (mechanisch)
DEU for orifices (mechanical)

Münzprägepresse
DUS für presses

muffin-tin potential
USE linear muffin-tin orbital method

mufflers
USE exhaust systems
\+ silencers

Muldenpresse
DUS für presses

multi-access systems
BT digital systems
NT carrier sense multiple access
code division multiple access
cyclic reservation multiple access
demand assigned multiple access
frequency division multiple access
packet reservation multiple access
space division multiple access
time division multiple access
UF *multi-user systems / groupware* + *multi-access systems* + *multiprogramming* + *time-sharing programs* + *time-sharing systems*
PT time-sharing systems
RT broadcast channels
channel allocation
frequency hop communication

group decision support systems
groupware
multicast communication
multiuser channels
protocols
DEU Mehrfachzugangssystem
DSY Mehrfachzugriffssystem
Multi-Access-System

Multi-Access-System
DUS für multi-access systems

multi-agent systems
BT cooperative systems
UF *MAS / magic angle spinning + multi-agent systems*
PT cooperative systems
software agents
RT ambient intelligence
multi-robot systems
software agents
swarm intelligence
DEU Multi-Agent-System

Multi-Agent-System
DEU for multi-agent systems

multi-band antennas
USE multifrequency antennas

multi-centre shell model
BT nuclear shell model
PT nuclear shell model
RT spin-orbit interactions
DEU Multizentrenschalenmodell

multi-databases
USE distributed databases

multi-robot systems
BT robots
UF *RoboCup / mobile robots + multi-robot systems*
PT cooperative systems
robots
RT cooperative systems
multi-agent systems
swarm intelligence
DEU Mehrrobotersystem

multi-threading
BT parallel programming
PT parallel programming
DEU Multi-Threading-Programmierung

Multi-Threading-Programmierung
DEU for multi-threading

multi-user detection
USE multiuser detection

multi-user processing
USE time-sharing systems

multi-user systems
USE groupware
\+ multi-access systems
\+ multiprogramming
\+ time-sharing programs
\+ time-sharing systems

multibeam antennas
BT antennas
SY *multiple beam antennas*
RT satellite antennas
DEU Mehrfachstrahlantenne
DSY Mehrkeulenantenne
Mehrstrahlantenne
Multibeamantenne
Vielfachstrahlungskeulenantenne

Multibeamantenne
DUS für multibeam antennas

Multibus
USE system buses

multicast channels
USE multicast communication
\+ telecommunication channels

multicast communication
BT telecommunication
NT multicast protocols
UF *multicast channels / multicast communication + telecommunication channels*
RT ad hoc networks
asynchronous transfer mode
broadcast channels
broadcast communication
multi-access systems
multiuser channels
network coding
overlay networks
packet switching
telecommunication network
routing
DEU Multicast-Kommunikation

multicast protocols
BT multicast communication protocols
PT multicast communication protocols
RT Internet
routing protocols
telecommunication network routing
telecommunication traffic
transport protocols
DEU Multicast-Protokoll

Multicast-Kommunikation
DEU for multicast communication

Multicast-Protokoll
DEU for multicast protocols

multichannel analysers
USE pulse height analysers

multichannel analyzers
USE pulse height analysers

multichip modules
BT electronics packaging modules
SY *MCM*
PT hybrid integrated circuits
modules
packaging
RT ceramic packaging
chip-on-board packaging
flip-chip devices
hybrid integrated circuits
integrated circuit packaging
integrated circuit technology
plastic packaging
system-in-package
system-on-package
DEU Multichip-Modul

Multichip-Modul
DEU for multichip modules

multiconductor transmission lines
BT transmission lines
PT transmission line theory
transmission lines
RT coupled transmission lines
power transmission lines
transmission line theory
DEU mehradrige Übertagungsleitung
DSY Vielfachleiterübertragungsleitung

multicore processors
USE multiprocessing systems

multicriterion problems
USE operations research

multidimensional digital filters
BT digital filters
NT two-dimensional digital filters
PT digital filters
RT image processing
median filters
multidimensional signal processing
pattern recognition
recursive filters
signal processing
DEU mehrdimensionales Digitalfilter

multidimensional signal processing
BT signal processing
PT signal processing
RT multidimensional digital filters
video signal processing
DEU mehrdimensionale Signalverarbeitung

multidimensional systems
BT control systems
SY *finite dimensional systems*
infinite dimensional systems
two-dimensional systems
PT distributed parameter systems
RT difference equations
distributed parameter systems
partial differential equations
DEU mehrdimensionales System

multiferroics
UF *ferroic materials / ferroelasticity + ferroelectric materials + multiferroics*
RT antiferromagnetic materials
ferroelectric materials
ferromagnetic materials
magnetoelectric effects
DEU Multiferroik

Multiferroik
DEU for multiferroics

multifilamentary superconductors
BT composite superconductors
SY *multifilamentary wires*
PT composite superconductors
RT superconducting cables
superconducting coils
superconducting magnets

superconducting tapes
DEU mehradriger Supraleiter

multifilamentary wires
USE multifilamentary superconductors

multifingered hands
USE dexterous manipulators

multifrequency antennas
BT antennas
SY *dual band antennas*
dual frequency antennas
multi-band antennas
tri-band antennas
RT broadband antennas
fractal antennas
microstrip antennas
planar inverted-F antennas
reflector antennas
DEU Multifrequenzantenne

Multifrequenzantenne
DEU for multifrequency antennas

multigrid methods
USE differential equations

multigroup diffusion
USE neutron diffusion

multilayer boards
USE printed circuits

multilayer ceramic capacitors
USE ceramic capacitors

multilayer perceptrons
BT feedforward neural nets
perceptrons
PT feedforward neural nets
RT learning (artificial intelligence)
DEU Mehrschichterkennungsgerät

multilayers
NT magnetic multilayers
optical multilayers
quantum wells
superlattices
RT periodic structures
thin films
DEU Mehrfachschicht

multilayers, compositionally modulated metallic
USE metallic superlattices

multilayers, magnetic
USE magnetic multilayers

multilayers, optical
USE optical multilayers

multileaf collimators
USE collimators

multilevel logic
USE multivalued logic

multilevel logic circuits
USE multivalued logic circuits

multimedia communication
BT multimedia systems
telecommunication
NT digital multimedia broadcasting
media streaming
UF *multimedia terminals / multimedia communication* + *multimedia computing* + *telecommunication terminals*
PT multimedia systems
RT asynchronous transfer mode
broadband networks
DiffServ networks
home networks
integrated voice/data communication
IntServ networks
ISDN
mobile television
multimedia computing
multimedia server
next generation networks
quality of experience
quality of service
set-top boxes
signalling protocols
transcoding
video coding
video communication
video on demand
video servers
visual communication
DEU Multimedia-Kommunikation

multimedia computing
BT data handling
multimedia systems
NT multimedia databases
UF *multimedia terminals / multimedia communication* + *multimedia computing* + *telecommunication terminals*
PT multimedia systems

RT audio user interfaces
CD-ROMs
content management
groupware
multimedia communication
multimedia server
video on demand
visual databases
DEU Multimedia-Computeranwendung
DSY Multimedia-Rechneranwendung
rechnerunterstützte Multimedia-Bearbeitung

multimedia databases
BT database management systems
multimedia computing
PT database management systems
multimedia computing
RT audio databases
multimedia server
video databases
visual databases
DEU Multimediadatenbank

multimedia server
BT network servers
PT network servers
RT multimedia communication
multimedia computing
multimedia databases
video databases
video servers
DEU Multimedia-Server

multimedia systems
BT computer applications
NT hypermedia
multimedia communication
multimedia computing
UF *continuous media / continuum mechanics + multimedia systems*
PT hypermedia
RT authoring systems
courseware
database management systems
electronic publishing
interactive video
ISDN
media streaming
optical publishing
telecommunication services
video on demand
DEU Multimedia-System

multimedia terminals
USE multimedia communication
\+ multimedia computing
\+ telecommunication terminals

Multimedia-Computeranwendung
DEU for multimedia computing

Multimedia-Kommunikation
DEU for multimedia communication

Multimedia-Rechneranwendung
DUS für multimedia computing

Multimedia-Server
DEU for multimedia server

Multimedia-System
DEU for multimedia systems

Multimediadatenbank
DEU for multimedia databases

Multimeter
DEU for multimeters

multimeters
BT meters
NT digital multimeters
PT ammeters
metering
ohmmeters
voltmeters
RT ammeters
ohmmeters
voltmeters
DEU Multimeter
DSY Vielfachmessgerät

multipactors
USE microwave switches

multipath channels
BT telecommunication channels
PT telecommunication channels
RT channel estimation
dispersive channels
diversity reception
fading
fading channels
multiuser detection
Nakagami channels
radiowave propagation
Rayleigh channels
Rician channels
ultra wideband communication
DEU Mehrwegkanal

multiperipheral models
BT peripheral models
NT cluster emission model
PT elementary particle theory
quantum field theory of

interactions
DEU multiperipheres Modell

multiperipheres Modell
DEU for multiperipheral models

multiphase flow
BT flow
NT two-phase flow
SY *slug flow*
three-phase flow
PT flow
RT stratified flow
DEU Mehrphasenströmung

multiphonon process
USE phonon-phonon interactions

multiphoton processes
NT multiphoton spectra
two-photon processes
SY *three-photon processes*
RT Hanle effect
optical hole burning
optical pumping
photoexcitation
population inversion
spectra (general)
Stark effect
stimulated emission
Zeeman effect
DEU Multiphotonenprozess

multiphoton spectra
BT multiphoton processes
spectra (general)
NT two-photon spectra
SY *three-photon spectra*
PT spectra
RT multiphoton spectroscopy
optical pumping
two-dimensional spectra
DEU Multiphotonenspektrum

multiphoton spectroscopy
BT spectroscopy
NT two-photon spectroscopy
SY *three-photon spectroscopy*
PT multiphoton spectra
spectroscopy
RT laser beam applications
measurement by laser beam
multiphoton spectra
two-dimensional spectroscopy
DEU Multiphotonen-Spektroskopie
DSY Multiphotonenspektroskopie

Multiphotonen-Spektroskopie
DEU for multiphoton spectroscopy

Multiphotonenprozess
DEU for multiphoton processes

Multiphotonenspektroskopie
DUS für multiphoton spectroscopy

Multiphotonenspektrum
DEU for multiphoton spectra

multiple beam antennas
USE multibeam antennas

multiple frequency shift keying
USE frequency shift keying

multiple input multiple output systems
USE MIMO systems

multiple phase shift keying
USE phase shift keying

multiple processor systems
USE computer networks

multiple quantum well lasers
USE quantum well lasers

multiple quantum well structures
USE quantum wells

multiple scattering SCF-X-alpha calculations
USE Xalpha calculations

multiple stars
BT stars
NT binary stars
SY *Trapezia*
PT stars
RT extrasolar planets
DEU Mehrfachstern

multiple target tracking
USE target tracking

multiple valued logic
USE multivalued logic

multiple valued logic circuits
USE multivalued logic circuits

Multiplex
DEU for multiplexing

multiplex transmission
USE multiplexing

multiplexed analogue component system
USE television standards

Multiplexer
DEU for multiplexing equipment

multiplexers
USE multiplexing equipment

multiplexing
BT telecommunication switching
NT code division multiplexing
frequency division multiplexing
space division multiplexing
statistical multiplexing
subcarrier multiplexing
time division multiplexing
transmultiplexing
wavelength division multiplexing
SY *multiplex transmission*
RT data communication equipment
demand assigned multiple access
demultiplexing
multiplexing equipment
telecommunication
DEU Multiplex

multiplexing equipment
BT telecommunication equipment
NT line concentrators
SY *diplexers*
multiplexers
statistical multiplexers
RT arrayed waveguide gratings
decision circuits
demultiplexing equipment
multiplexing
DEU Multiplexer

multiplier phototubes
USE photomultipliers

multipliers, electron
USE electron multipliers

multipliers, frequency
USE frequency multipliers

multipliers, voltage
USE voltage multipliers

Multiplikationsschaltung
DEU for multiplying circuits

multiplying circuits
BT networks (circuits)
NT analogue multipliers
RT analogue computer circuits
digital arithmetic
DEU Multiplikationsschaltung

multiport networks
BT multiterminal networks
NT two-port networks
SY *n-port networks*
PT networks
RT network analysis
network synthesis
DEU Mehrfachportnetz
DSY Multiportnetz
Vielfachportnetz

Multiportnetz
DUS für multiport networks

Multiprocessing mit Zeitscheibenteilung
DEU for time-sharing systems

multiprocessing programs
BT distributed processing
multiprogramming
UF *concurrency (computers) / concurrency control + concurrency theory + multiprocessing programs + multiprocessing systems*
RT concurrency control
message passing
multiprocessing systems
parallel processing
pipeline processing
remote procedure calls
DEU Multiprocessingprogramm

multiprocessing systems
BT digital systems
distributed processing
NT distributed memory systems
shared memory systems
UF *concurrency (computers) / concurrency control + concurrency theory + multiprocessing programs + multiprocessing systems*
SY *multicore processors*
UF *very long instruction word machines / instruction sets + multiprocessing systems + parallel architectures + parallel machines*
UF *VLIW machines / instruction sets + multiprocessing systems + parallel architectures + parallel*

machines
RT concurrency control
Cray computers
multiprocessing programs
multiprocessor interconnection networks
multistage interconnection networks
parallel processing
pipeline processing
DEU Multiprocessingsystem
DSY Parallelverarbeitungssystem

Multiprocessingprogramm
DEU for multiprocessing programs

Multiprocessingsystem
DEU for multiprocessing systems

multiprocessor interconnection networks
BT switching networks
NT hypercube networks
multistage interconnection networks
SY *interconnection networks, multiprocessor*
UF *MIN routing / multiprocessor interconnection networks + network routing*
UF *wormhole routing / multiprocessor interconnection networks + network routing*
PT computer architecture
multiprocessing systems
switching networks
RT computation theory
computer architecture
interconnections
multiprocessing systems
network-on-chip
parallel processing
transputer systems
DEU Mehrprozessorverbindungsnetzwerk

multiprocessor scheduling
USE processor scheduling

multiprogramming
BT supervisory programs
NT multiprocessing programs
UF *multi-user systems / groupware + multi-access systems + multiprogramming + time-sharing programs + time-sharing systems*
SY *multitasking (computer operation)*
UF *windowing / integrated software + multiprogramming + user interfaces*
RT mainframes
time-sharing programs
time-sharing systems
DEU Mehrprogrammbetrieb

multiprotocol label switching
BT packet switching
protocols
SY *MPLS*
PT packet switching
protocols
telecommunication network routing
RT asynchronous transfer mode
Internet
quality of service
telecommunication network routing
telecommunication traffic
DEU MPLS-Verfahren
DSY Multiprotokollumschaltung

Multiprotokollumschaltung
DUS für multiprotocol label switching

Multiprozessor-Ablaufplanung
DUS für processor scheduling

Multiprozessor-Jobsteuerung
DUS für processor scheduling

Multiprozessor-Scheduling
DUS für processor scheduling

Multiprozessor-Scheduling-Algorithmen
DUS für processor scheduling

Multiprozessor-Zeitplanungsproblem
DUS für processor scheduling

multisensors
USE sensor fusion

multiskilling
BT human resource management
SY *job rotation*
RT industrial training
job specification
vocational training
DEU Facharbeiterausbildung
DSY Fachkraft

multistage interconnection networks
BT multiprocessor interconnection networks
SY *banyan networks*
Clos networks

PT multiprocessor interconnection networks
RT asynchronous transfer mode
interconnections
multiprocessing systems
packet switching
parallel architectures
system buses
telecommunication network routing
DEU mehrstufiges Verbindungsnetzwerk

multistep methods
USE iterative methods

multitarget tracking
USE target tracking

multitasking (computer operation)
USE multiprogramming

multitasking workstations
USE workstations

multiterminal networks
BT networks (circuits)
NT multiport networks
PT networks (circuits)
RT network analysis
network synthesis
network topology
DEU Multiterminalnetz

Multiterminalnetz
DEU for multiterminal networks

multiuser channels
BT telecommunication channels
NT multiuser detection
PT telecommunication channels
RT broadcast channels
channel capacity
channel estimation
multi-access systems
multicast communication
DEU Mehrnutzerkanal

multiuser detection
BT multiuser channels
signal detection
SY *multi-user detection*
PT multiuser channels
signal detection
RT adaptive signal detection
cellular radio
code division multiple access
diversity reception
fading channels
interference suppression
mobile radio
multipath channels
radio receivers
spread spectrum communication
DEU Mehrnutzererkennung

multivalley semiconductors
USE many-valley semiconductors

multivalued logic
BT formal logic
NT ternary logic
SY *many-valued logics*
multilevel logic
multiple valued logic
PT many-valued logics
RT fuzzy logic
logic design
multivalued logic circuits
DEU mehrwertige Logik

multivalued logic circuits
BT logic circuits
SY *multilevel logic circuits*
multiple valued logic circuits
PT many-valued logics
ternary logic
RT integrated logic circuits
multivalued logic
ternary logic
DEU Mehrwertige-Logik-Schaltung
DSY Mehrwertlogikschaltung
Schaltung mit mehrwertiger Logik

multivariable control systems
BT control systems
multivariable systems
SY *interacting control systems*
RT cascade systems
decentralised control
hierarchical systems
MIMO systems
process control
reduced order systems
DEU mehrfachvariables Steuersystem
DSY multivariables Steuersystem

multivariable systems
NT MIMO systems
multivariable control systems
SY *decentralised systems*
RT hierarchical systems
variable structure systems
DEU multivariables System

multivariables Steuersystem
DUS für multivariable control systems

multivariables System
DEU for multivariable systems

multiverse
USE higher dimensional cosmology

multivibrators
BT networks (circuits)
NT flip-flops
RT comparators (circuits)
frequency dividers
frequency multipliers
oscillators
pulse generators
relaxation oscillators
signal generators
square-wave generators
trigger circuits
DEU Kippschaltung

multiwave mixing
BT nonlinear optics
SY *degenerate four wave mixing*
four wave mixing (optical)
three wave mixing (optical)
two wave mixing (optical)
wave mixing (optical)
PT nonlinear optics
optical phase conjugation
RT optical phase conjugation
optical wavelength conversion
photorefractive materials
slow light
DEU Mehrwellenmischung

multiwire ionisation chambers
BT ionisation chambers
PT ionisation chambers
RT ionisation
multiwire proportional chambers
position sensitive particle detectors
DEU Vieldrahtionisationskammer

multiwire proportional chambers
BT position sensitive particle detectors
proportional counters
NT drift chambers
PT position sensitive particle detectors
proportional counters
RT ionisation chambers
multiwire ionisation chambers
DEU mehradrige Proportionalkammer
DSY Mehrdraht-Proportionalkammer

multiwiring
USE printed circuits

Multizentrenschalenmodell
DEU for multi-centre shell model

MUMPS
BT high level languages
SY *M language*
PT high level languages
RT medical computing
MUMPS listings
DEU MUMPS (Programmiersprache)

MUMPS (Programmiersprache)
DEU for MUMPS

MUMPS listings
BT complete computer programs
SY *M listings*
PT complete computer programs
RT MUMPS
DEU MUMPS-Programm

MUMPS-Programm
DEU for MUMPS listings

Muon
DEU for muons

muon absorption
BT muon-nucleus reactions
PT nuclear reactions and scattering due to muons
DEU Muon-Absorption

muon capture
BT muon-nucleus reactions
SY *nuclear muon capture*
RT muonic atoms
muonic molecules
radioactivity
DEU Muon-Einfang

muon catalysed fusion
BT muon-nucleus reactions
nuclear fusion
PT muon-nucleus reactions
nuclear fusion
RT atom-muon collisions
muonic atoms
muonic molecules
DEU Muon-katalysierte Verschmelzung

muon colliders
BT colliding beam accelerators
PT colliding beam accelerators
RT storage rings
DEU Muonstoßbeschleuniger

muon decay
BT lepton decay
leptonic decays
RT muons
DEU Muon-Zerfall

muon detection
BT radiation detection
PT muon detection and measurement
RT muon probes
muons
radioactivity measurement
DEU Muon-Detektion

muon interactions
USE lepton-hadron interactions
\+ lepton-lepton interactions
\+ muon-deuteron interactions
\+ muon-nucleon interactions
\+ muon-nucleus reactions

muon probes
BT probes
SY *muon spin relaxation*
muon spin resonance
muon spin rotation
RT muon detection
muonium
muons
DEU Muon-Sonde
DSY Muonen-Sonde
Muonensonde

muon production
BT lepton production
RT muons
DEU Muon-Produktion

muon reactions
USE muon-nucleus reactions

muon scattering
USE lepton-hadron scattering
\+ lepton-lepton scattering
\+ muon-deuteron scattering
\+ muon-nucleon scattering
\+ muon-nucleus scattering

muon sources
BT particle sources
PT particle sources
RT muons
DEU Muon-Quelle

muon spin relaxation
USE muon probes

muon spin resonance
USE muon probes

muon spin rotation
USE muon probes

Muon-Absorption
DEU for muon absorption

Muon-Atomkern-Reaktion
DEU for muon-nucleus reactions

Muon-Atomkern-Streuung
DEU for muon-nucleus scattering

Muon-Detektion
DEU for muon detection

muon-deuteron interactions
BT lepton-deuteron interactions
UF *muon interactions / lepton-hadron interactions + lepton-lepton interactions + muon-deuteron interactions + muon-nucleon interactions + muon-nucleus reactions*
PT lepton-deuteron interactions
RT muon-deuteron scattering
DEU Muon-Deuteron-Wechselwirkung

muon-deuteron scattering
BT lepton-deuteron scattering
UF *muon scattering / lepton-hadron scattering + lepton-lepton scattering + muon-deuteron scattering + muon-nucleon scattering + muon-nucleus scattering*
PT lepton-deuteron scattering
RT muon-deuteron interactions
DEU Muon-Deuteron-Streuung

Muon-Deuteron-Streuung
DEU for muon-deuteron scattering

Muon-Deuteron-Wechselwirkung
DEU for muon-deuteron interactions

Muon-Einfang
DEU for muon capture

Muon-katalysierte Verschmelzung
DEU for muon catalysed fusion

muon-neutron interactions
BT muon-nucleon interactions
PT muon-nucleon interactions
RT muon-neutron scattering
DEU Muon-Neutron-Wechselwirkung

muon-neutron scattering
BT muon-nucleon scattering
PT muon-nucleon scattering
RT muon-neutron interactions
DEU Muon-Neutron-Streuung

Muon-Neutron-Streuung
DEU for muon-neutron scattering

Muon-Neutron-Wechselwirkung
DEU for muon-neutron interactions

muon-nucleon interactions
BT lepton-nucleon interactions
NT muon-neutron interactions
muon-proton interactions
UF *muon interactions / lepton-hadron interactions + lepton-lepton interactions + muon-deuteron interactions + muon-nucleon interactions + muon-nucleus reactions*
PT muon interactions
neutron interactions
nucleon interactions
proton interactions
RT muon-nucleon scattering
muon-nucleus reactions
DEU Muon-Nukleon-Wechselwirkung

muon-nucleon scattering
BT lepton-nucleon scattering
NT muon-neutron scattering
muon-proton scattering
UF *muon scattering / lepton-hadron scattering + lepton-lepton scattering + muon-deuteron scattering + muon-nucleon scattering + muon-nucleus scattering*
PT muon scattering
neutron scattering
nucleon scattering
proton scattering
RT muon-nucleon interactions
muon-nucleus scattering
DEU Muon-Nukleon-Streuung

muon-nucleus reactions
BT lepton-nucleus reactions
NT muon absorption
muon capture
muon catalysed fusion
UF *muon interactions / lepton-hadron interactions + lepton-lepton interactions + muon-deuteron interactions + muon-nucleon interactions + muon-nucleus reactions*
SY *muon reactions*
PT nuclear reactions and scattering due to muons
RT muon-nucleon interactions
DEU Muon-Atomkern-Reaktion

muon-nucleus scattering
BT lepton-nucleus scattering
UF *muon scattering / lepton-hadron scattering + lepton-lepton scattering + muon-deuteron scattering + muon-nucleon scattering + muon-nucleus scattering*
PT nuclear reactions and scattering due to muons
RT muon-nucleon scattering
DEU Muon-Atomkern-Streuung

Muon-Nukleon-Streuung
DEU for muon-nucleon scattering

Muon-Nukleon-Wechselwirkung
DEU for muon-nucleon interactions

Muon-Produktion
DEU for muon production

muon-proton interactions
BT muon-nucleon interactions
PT muon-nucleon interactions
RT muon-proton scattering
DEU Muon-Proton-Wechselwirkung

muon-proton scattering
BT muon-nucleon scattering
PT muon-nucleon scattering
RT muon-proton interactions
DEU Muon-Proton-Streuung

Muon-Proton-Streuung
DEU for muon-proton scattering

Muon-Proton-Wechselwirkung
DEU for muon-proton interactions

Muon-Quelle
DEU for muon sources

Muon-Sonde
DEU for muon probes

Muon-Zerfall
DEU for muon decay

Muonen-Sonde
DUS für muon probes

Muonensonde
DUS für muon probes

muonic atoms
BT exotic atoms
PT mesic and muonic atoms
RT atom-muon collisions
muon capture
muon catalysed fusion
muonic molecules
DEU muonisches Atom

muonic molecules
BT exotic molecules
PT mesic and muonic molecules
RT muon capture
muon catalysed fusion
muonic atoms
DEU muonisches Molekül

muonisches Atom
DEU for muonic atoms

muonisches Molekül
DEU for muonic molecules

muonium
BT exotic atoms
RT muon probes
muons
positronium
DEU Muonium (exotisches Atom)

Muonium (exotisches Atom)
DEU for muonium

muons
BT leptons
NT cosmic ray muons
RT muon decay
muon detection
muon probes
muon production
muon sources
muonium
DEU Muon

Muonstoßbeschleuniger
DEU for muon colliders

muscle
BT biological tissues
NT electromyography
neuromuscular stimulation
SY *myology*
RT biomechanics
bone
neurophysiology
DEU Muskel

muscovite
USE mica

Museum
DEU for museums

museums
BT humanities
PT exhibitions
humanities
RT art
exhibitions
history
Internet
virtual reality
DEU Museum

music
BT humanities
PT humanities
RT electronic music
DEU Musik

music, electronic
USE electronic music

musical acoustics
BT acoustics
RT acoustic waves
electronic music
musical instruments
DEU Musikakustik
DSY musikalische Akustik

musical instruments
BT acoustic devices
NT bells
RT electronic music
musical acoustics
DEU Musikinstrument

Musik
DEU for music

Musikakustik
DEU for musical acoustics

musikalische Akustik
DUS für musical acoustics

Musikinstrument
DEU for musical instruments

Muskel
DEU for muscle

Musterableitung
DEU for pattern formation

Musteranhäufung
DEU for pattern clustering

Musteranordnung
DUS für pattern clustering

Musteranpassung
DEU for pattern matching

Musterbildung
DUS für pattern formation

Mustererkennung
DEU for pattern recognition

Mustererkennungsausrüstung
DEU for pattern recognition equipment

Mustererkennungsausstattung
DUS für pattern recognition equipment

Mustererkennungseinheit
DUS für pattern recognition equipment

Mustererkennungsgerät
DUS für pattern recognition equipment

Mustererkennungsscanner
DUS für pattern recognition equipment

Mustergenerierung
DUS für pattern formation

Mustergruppierung
DUS für pattern clustering

Musterklassifikation
DEU for pattern classification

Musterklassifizierung
DUS für pattern classification

Mustersammlung
DUS für pattern clustering

muTAS
USE chemical analysis

my-analysis
USE control system analysis
\+ singular value decomposition

my-synthesis
USE control system synthesis
\+ singular value decomposition

myoelectricity
USE electromyography

myoglobin
USE proteins

myology
USE muscle

myopia
USE vision defects

N (chemical element)
USE nitrogen
DEU N (chemisches Element)

N (chemisches Element)
DEU for N (chemical element)

N baryons
BT baryons
PT baryon resonances
baryons
RT baryon resonances
Delta baryons
DEU N-Baryon

N Irr stars
USE giant stars
\+ variable stars

N-Baryon
DEU for N baryons

N-body problems
BT classical mechanics
UF *three-body problem / celestial mechanics + N-body problems*
PT many-body problems
RT celestial mechanics
many-body problems
DEU N-Körper-Problem

N-body simulations (astronomical)
BT astronomy computing
digital simulation
RT clusters of galaxies
cosmology
galaxies
star clusters
stellar dynamics
DEU astronomische N-Körper-Simulation
DSY N-Körper-Simulation (astronomisch)

N-cube networks
USE hypercube networks

N-Körper-Problem
DEU for N-body problems

N-Körper-Simulation (astronomisch)
DUS für N-body simulations (astronomical)

N-path filters
USE switched filters

n-port networks
USE multiport networks

N-rich subdwarfs
USE dwarf stars

N-type stars
USE giant stars

N/D method
BT dispersion relations
PT dispersion relations
DEU N/D-Methode

N/D-Methode
DEU for N/D method

Na (chemical element)
USE sodium
DEU Na (chemisches Element)

Na (chemisches Element)
DEU for Na (chemical element)

Nachbarkanal-Interferenz
DEU for adjacent channel interference

Nachbildungstechnik
DEU for replica techniques

Nachführregler für das Leistungsmaximum
DUS für maximum power point trackers

Nachglimmen
DEU for afterglows

Nachglühen
DUS für afterglows

Nachhall
DEU for reverberation

nachhaltige Entwicklung
DEU for sustainable development

Nachleuchten
DUS für afterglows

Nachpressen
DUS für pressing

Nachreinigung (Technik)
DUS für purification

Nachrichtenauthentifikation
DEU for message authentication

Nachrichtenkabel
DEU for telecommunication cables

Nachrichtenleitung
DUS für telecommunication cables

Nachrichtennetz
DEU for telecommunication networks

Nachrichtennetzmanagement
DEU for telecommunication network management

Nachrichtennetzwerk
DUS für telecommunication networks

Nachrichtennetzzuverlässigkeit
DUS für telecommunication network reliability

Nachrichtenübertragungsleitung
DEU for telecommunication transmission lines

Nachrichtenübertragungssteuerung
DEU for telecommunication control

Nachrichtenverkehr
DEU for telecommunication traffic

Nachrichtenverkehrsaufzeichnung
DEU for telecommunication traffic recording

Nachrichtenvermittlung
DEU for message switching

Nachströmung
DEU for wakes

Nachthimmelsleuchten
DEU for nightglow

Nachthimmelslicht
DUS für nightglow

Nachtsehen
DEU for night vision

Nachtsicht
DUS für night vision

Nachtsichtigkeit
DUS für night vision

nachwachsender Rohstoff
DEU for renewable materials

Nachweis von Explosivstoff
DUS für explosive detection

Nachweis von Sprengstoff
DUS für explosive detection

Nadel
DUS für needles

Nächste-Generationen-Netzwerk
DEU for next generation networks

Näherungsfunktion
DEU for function approximation

Nähmaschine
DEU for sewing machines

Nageln
DEU for nailing

nagnetisches Frequenzmodell
DUS für band model of magnetism

Nahfeldkommunikation
DEU for near-field communication

Nahinfrarotspektroskopie
DUS für infrared spectroscopy

Nahordnung
DEU for short-range order

Nahrungsgüter
DUS für food products

Nahrungsgüterherstellung
DUS für food manufacturing

Nahrungsgüterkonservierung
DUS für food preservation

Nahrungsgüterlindustrie
DUS für food processing industry

Nahrungsgütersicherheit
DUS für food safety

Nahrungsgütertechnologie
DUS für food technology

Nahrungsgüterverarbeitungsindustrie
DUS für food processing industry

Nahrungsgüterzusatz
DUS für food additives

Nahrungsmittel
DUS für food products

Nahrungsmittelherstellung
DUS für food manufacturing

Nahrungsmittelindustrie
DUS für food processing industry

Nahrungsmittelkonservierung
DUS für food preservation

Nahrungsmittelsicherheit
DUS für food safety

Nahrungsmitteltechnologie
DUS für food technology

Nahrungsmittelverarbeitungsindustrie
DUS für food processing industry

Nahrungsmittelzusatz
DUS für food additives

NaI detectors
USE solid scintillation detectors

nailing
BT joining processes
PT joining processes
RT fasteners
DEU Nageln

Nakagami channels
BT fading channels
PT fading channels
RT multipath channels
DEU Nakagami-Kanal

Nakagami-Kanal
DEU for Nakagami channels

naming services
BT file organisation
PT file organisation
RT programming
DEU Dateinamendienst

NAND circuits
BT logic circuits
DEU NAND-Glied

NAND gates
USE logic gates

NAND-Glied
DEU for NAND circuits

nano-optics
USE nanophotonics

Nanoband
DEU for nanoribbons

nanobelts
BT nanostructured materials
PT nanostructured materials
DEU Nanogurt

Nanobemusterung
DEU for nanopatterning

Nanobiotechnologie
DEU for nanobiotechnology

nanobiotechnology
BT biotechnology
nanotechnology
NT nanomedicine
UF *bionanomaterials / biomedical materials + nanobiotechnology*
PT biotechnology
nanotechnology
RT biosensors
cellular biophysics
molecular biophysics
DEU Nanobiotechnologie

nanobridges, superconducting
USE nanotechnology
\+ superconducting microbridges

nanocomposites
BT composite materials
nanostructured materials
PT nanostructured materials
RT filled polymers
intercalation compounds
metamaterials
nanofibres
nanoparticles
DEU Nanokomposit
DSY nanokristalliner Verbundmerkmal
nanokristalliner Verbundwerkstoff
Nanoverbundmaterial
Nanoverbundstoff
Nanoverbundwerkstoff

nanocontacts
BT electrical contacts
nanotechnology
PT nanotechnology
RT enhanced magnetoresistance
nanoelectronics
nanowires
quantum point contacts
DEU Nanokontakt

nanocrystalline materials
USE nanostructured materials

Nanodraht
DEU for nanowires

nanoelectromechanical devices
BT nanotechnology
NT nanofluidics
nanosensors
SY *NEMS*
PT micromechanical devices
nanotechnology
RT carbon nanotubes
micromechanical devices
nanoelectronics
nanophotonics
nanostructured materials
nanotube devices
DEU nanoelektromechanisches Bauelement
DSY nanoelektromechanisches Gerät

nanoelectronics
BT electronic engineering
nanotechnology
PT nanotechnology
RT carbon nanotube field effect transistors
integrated circuit technology
memristors
molecular electronics
nanocontacts
nanoelectromechanical devices
quantum interference devices
semiconductor quantum dots
DEU Nanoelektronik

nanoelektromechanisches Bauelement
DEU for nanoelectromechanical devices

nanoelektromechanisches Gerät
DUS für nanoelectromechanical devices

Nanoelektronik
DEU for nanoelectronics

nanofabrication
BT nanotechnology
PT nanotechnology
RT microfabrication
nanoribbons
nanostructured materials
DEU Nanofertigung

Nanofaser
DEU for nanofibres

Nanofertigung
DEU for nanofabrication

nanofibres
BT fibres
nanostructured materials
PT fibres
nanostructured materials
RT electrospinning
nanocomposites
DEU Nanofaser

Nanofilterung
DEU for nanofiltration

nanofiltration
BT filtration
PT filtration
RT chemical technology
membranes
molecular sieves
nanotechnology
separation
DEU Nanofilterung

nanofluidics
BT fluidics
nanoelectromechanical devices
PT microfluidics
nanotechnology
RT fluidic devices
microfluidics
DEU Nanofluidik

Nanofluidik
DEU for nanofluidics

Nanogurt
DEU for nanobelts

Nanohärteeindruck
DEU for nanoindentation

nanoimprint lithography
USE nanolithography
+ soft lithography

nanoindentation
BT indentation
nanomechanics
PT indentation
RT micromechanics
DEU Nanohärteeindruck

Nanokomposit
DEU for nanocomposites

Nanokontakt
DEU for nanocontacts

nanokristalliner Verbundmerkmal
DUS für nanocomposites

nanokristalliner Verbundwerkstoff
DUS für nanocomposites

nanokristalliner Werkstoff
DEU for nanostructured materials

Nanolithografie
DEU for nanolithography

Nanolithographie
DUS für nanolithography

nanolithography
BT lithography
nanotechnology
UF *nanoimprint lithography / nanolithography + soft lithography*
RT electron beam lithography
immersion lithography

nanopatterning
soft lithography
ultraviolet lithography
DEU Nanolithografie
DSY Nanolithographie

Nanomagnet
DEU for nanomagnetics

nanomagnetics
BT magnetism
nanotechnology
RT magnetic particles
nanostructured materials
DEU Nanomagnet

nanomechanics
BT mechanical properties
nanotechnology
NT nanoindentation
RT micromechanics
DEU Nanomechanik

Nanomechanik
DEU for nanomechanics

nanomedicine
BT nanobiotechnology
PT nanobiotechnology
RT biosensors
drug delivery systems
nanoparticles
DEU Nanomedizin

Nanomedizin
DEU for nanomedicine

nanooptics
USE nanophotonics

nanoparticles
BT nanostructured materials
SY *nanopowders*
PT nanostructured materials
RT magnetic particles
metal clusters
nanocomposites
nanomedicine
particle size
DEU Nanopartikel
DSY Nanopulver
Nanoteilchen

Nanopartikel
DEU for nanoparticles

nanopatterning
BT nanotechnology
PT nanolithography
nanotechnology
RT nanolithography
soft lithography
DEU Nanobemusterung

nanophase materials
USE nanostructured materials

nanophotonic antennas
USE metamaterial antennas
+ nanophotonics

nanophotonics
BT nanotechnology
optics
SY *nano-optics*
nanooptics
UF *nanophotonic antennas / metamaterial antennas* + *nanophotonics*
PT micro-optics
nanotechnology
RT integrated optics
micro-optics
nanoelectromechanical devices
optical metamaterials
DEU Nonophotonik

nanoporöser Werkstoff
DEU for nanoporous materials

nanoporöses Material
DUS für nanoporous materials

nanoporous materials
BT nanostructured materials
porous materials
PT nanostructured materials
porous materials
RT mesoporous materials
porous semiconductors
DEU nanoporöser Werkstoff
DSY nanoporöses Material

Nanopositionierung
DEU for nanopositioning

nanopositioning
BT nanotechnology
position control
PT micropositioning
nanotechnology
position control
RT micropositioning
DEU Nanopositionierung

nanopowders
USE nanoparticles

Nanopulver
DUS für nanoparticles

nanoribbons
BT nanostructured materials
PT nanostructured materials
RT graphene
nanofabrication
DEU Nanoband

nanorods
BT nanostructured materials
PT nanostructured materials
DEU Nanostäbchen

Nanoröhrchen
DEU for nanotubes

Nanoröhrchenbauelement
DEU for nanotube devices

Nanosensor
DEU for nanosensors

nanosensors
BT nanoelectromechanical devices
sensors
PT microsensors
nanotechnology
RT biosensors
chemical sensors
microsensors
DEU Nanosensor

Nanostäbchen
DEU for nanorods

nanostructure fabrication
USE nanotechnology

nanostructured materials
BT materials
NT nanobelts
nanocomposites
nanofibres
nanoparticles
nanoporous materials
nanoribbons
nanorods
nanotubes
nanowires
SY *nanocrystalline materials*
nanophase materials
RT aggregates (materials)
crystallites
grain boundaries
grain growth
grain size
graphene
nanoelectromechanical devices
nanofabrication
nanomagnetics
nanotechnology
organic-inorganic hybrid materials
plasmonics
porous semiconductors
powder technology
self-assembly
semiconductor doped glasses
semiconductor doped polymers
zeolites
DEU nanokristalliner Werkstoff

Nanotechnologie
DEU for nanotechnology

nanotechnology
NT nanobiotechnology
nanocontacts
nanoelectromechanical devices
nanoelectronics
nanofabrication
nanolithography
nanomagnetics
nanomechanics
nanopatterning
nanophotonics
nanopositioning
UF *nanobridges, superconducting / nanotechnology* + *superconducting microbridges*
SY *nanostructure fabrication*
RT atomic force microscopy
bio-inspired materials
fullerene devices
integrated circuit technology
lithography
microfabrication
micromechanical devices
molecular communication (telecommunication)
nanofiltration
nanostructured materials
nanotube devices
scanning tunnelling microscopy
single electron transistors
VLSI
DEU Nanotechnologie

Nanoteilchen
DUS für nanoparticles

nanotube devices
BT molecular electronics
NT carbon nanotube field effect transistors
PT carbon nanotubes
molecular electronics
RT carbon nanotubes
fullerene devices
nanoelectromechanical devices
nanotechnology
nanotubes
vacuum microelectronics
DEU Nanoröhrchenbauelement

nanotubes
BT nanostructured materials
NT carbon nanotubes
semiconductor nanotubes
PT nanostructured materials
RT nanotube devices
DEU Nanoröhrchen

Nanoverbundmaterial
DUS für nanocomposites

Nanoverbundstoff
DUS für nanocomposites

Nanoverbundwerkstoff
DUS für nanocomposites

nanowires
BT nanostructured materials
UF *semiconductor nanowires / nanowires + semiconductor*
quantum wires
PT nanostructured materials
quantum wires
semiconductor quantum wires
RT nanocontacts
quantum wires
semiconductor quantum wires
wires (general)
DEU Nanodraht

narrow band gap semiconductors
BT semiconductor materials
semiconductors
SY *zero-gap semiconductors*
PT semiconductor materials
semiconductors
RT energy gap
DEU Halbleiter mit schmaler Bandlücke
DSY Halbleiter mit verringerter Bandlücke

Nash equilibrium
USE game theory

national security
BT security
SY *homeland defense*
homeland security
PT security
RT biohazards
chemical hazards
critical infrastructures
defence industry
emergency services
energy security
explosive detection
explosives
government policies
hazardous materials
legislation
military systems
nuclear materials safeguards
politics
safety
surveillance
terrorism
weapons
DEU nationale Sicherheit

National Vocational Qualification
USE qualifications
\+ vocational training

nationale Sicherheit
DEU for national security

Natrium
DEU for sodium

Natriumlegierung
DEU for sodium alloys

Natriumverbindung
DEU for sodium compounds

natürlich-sprachige Schnittstelle
DEU for natural language interfaces

natürlich-sprachige Verarbeitung
DEU for natural language processing

natürlich-sprachiges Intrface
DUS für natural language interfaces

natürliche Konvektion
DEU for natural convection

natürliche Resourcen
DEU for natural resources

natürliche Sprache
DEU for natural languages

natürliche Szene
DEU for natural scenes

natürliche Vorräte
DUS für natural resources

natural archives
USE proxy records (geophysical)

natural convection
BT convection
NT Rayleigh-Benard convection
SY *free convection*
PT convection
RT mass transfer
DEU natürliche Konvektion

natural disasters
USE disasters

natural fiber composites
USE ecocomposites

natural fibre composites
USE ecocomposites

natural fibres
BT fibres
PT fibres
RT cotton
ecocomposites
renewable materials
textile fibres
wool
DEU Naturfaser

natural gas technology
BT technology
UF *fracking / natural gas technology + oil technology*
UF *gas drilling / drilling (geotechnical) + natural gas technology*
SY *gas technology, natural*
UF *hydraulic fracturing / natural gas technology + oil technology*
SY *liquefied natural gas technology*
LNG technology
RT drilling (geotechnical)
fuel desulphurisation
fuel processing
gas appliances
gas industry
mining
offshore installations
oil shale
petroleum industry
pipelines
shale gas
steam reforming
syngas
DEU Erdgastechnik
DSY Erdgastechnologie

natural language interfaces
BT user interfaces
PT natural languages
user interfaces
RT computational linguistics
natural language processing
natural languages
question answering (information retrieval)
sign language recognition
speech-based user interfaces
DEU natürlich-sprachige Schnittstelle
DSY natürlich-sprachiges Intrface

natural language processing
BT natural languages
SY *word sense disambiguation*
PT grammars
natural language interfaces
natural languages
RT artificial intelligence
computational linguistics
human-robot interaction
natural language interfaces
question answering (information retrieval)
sign language recognition
speech recognition
speech synthesis
text analysis
DEU natürlich-sprachige Verarbeitung
DSY Sprachverarbeitung
Verarbeitung natürlicher Sprache

natural languages
BT languages
NT natural language processing
PT high level languages
RT artificial intelligence
computational linguistics
dictionaries
formal languages
natural language interfaces
programming languages
query languages
sign language recognition
specification languages

speech recognition
text analysis
user interfaces
DEU natürliche Sprache

natural radioactivity hazards
BT health hazards
radioactivity
UF *indoor radon / natural radioactivity hazards + radon*
RT air pollution measurement
atmospheric radioactivity
dosimetry
radioactive pollution
radioactivity measurement
radon
DEU Gefahr durch natürliche Radioaktivität

natural resources
NT forestry
water resources
UF *mineral resources / minerals + natural resources*
RT agriculture
aquaculture
dams
ecology
energy resources
environmental economics
environmental factors
fossil fuels
geophysical prospecting
mining
quarrying industry
raw materials
remote sensing
rocks
soil
sustainable development
water pollution
water supply
DEU natürliche Resourcen
DSY natürliche Vorräte

natural scenes
BT computer graphics
PT computer graphics
RT image recognition
image texture
DEU natürliche Szene

natural sciences
NT archaeology
astronomy
biology
chemistry
forensic science
geography
geology
geophysics
materials science
physics
DEU Naturwissenschaften

natural sciences computing
BT computer applications
NT astronomy computing
biology computing
chemistry computing
environmental science computing
geophysics computing
medical computing
physics computing
scientific information systems
PT natural sciences applications of computers
RT mathematics computing
numerical analysis
DEU Computeranwendung in den Naturwissenschaften
DSY naturwissenschaftliche Computeranwendung
naturwissenschaftliche Rechneranwendung
Rechneranwendung in den Naturwissenschaften

Naturfaser
DEU for natural fibres

Naturharz
DUS für resins

Naturschutzrecht
DEU for conservation laws

Naturwissenschaften
DEU for natural sciences

naturwissenschaftliche Computeranwendung
DUS für natural sciences computing

naturwissenschaftliche Rechneranwendung
DUS für natural sciences computing

nautisches Technik
DEU for naval engineering

naval engineering
BT engineering
NT naval engineering computing
PT military systems
RT anchors

defence industry
marine engineering
marine power systems
marine propulsion
marine safety
marine systems
military systems
shipbuilding industry
torpedoes
DEU nautisches Technik

naval engineering computing
BT engineering computing
naval engineering
PT engineering computing
RT marine systems
military computing
ships
DEU Computeranwendung in der Schifffahrt
DSY Rechneranwendung in der Schifffahrt
Schifffahrtscomputeranwendung
Schifffahrtsrechneranwendung

Navier-Stokes equations
BT fluid dynamics
nonlinear differential equations
partial differential equations
PT flow
RT drag
finite volume methods
shallow water equations
viscosity
DEU Navier-Stokes-Gleichung

Navier-Stokes-Gleichung
DEU for Navier-Stokes equations

navigation
NT aircraft navigation
computerised navigation
inertial navigation
inertial systems
marine navigation
missile guidance
radionavigation
SY *position finding*
RT aircraft communication
collision avoidance
compasses
distance measurement
Doppler effect
driver information systems
ground support equipment
ground support systems
gyroscopes
laser beam applications
marine control
marine systems
radar applications
radioaltimeters
ships
SLAM (robots)
sonar
tracking
transportation
underwater sound
DEU Navigation

Navigation zur See
DEU for marine navigation

Navigation
DEU for navigation

Nb (chemical element)
USE niobium
DEU Nb (chemisches Element)

Nb (chemisches Element)
DEU for Nb (chemical element)

NBTI
USE negative bias temperature instability

NC (numerical control)
USE numerical control

NCR computers
BT digital computers
PT microcomputers
RT microcomputers
DEU NCR-Computer

NCR-Computer
DEU for NCR computers

Nd (chemical element)
USE neodymium
DEU Nd (chemisches Element)

Nd (chemisches Element)
DEU for Nd (chemical element)

NDDO calculations
USE NDO calculations

NDO calculations
BT orbital calculations
NT CNDO calculations
INDO calculations
MINDO calculations
MNDO calculations
PCILO calculations

SY *HONDO calculations*
LNDO
MPNDO calculations
NDDO calculations
neglect of differential overlap calculations
NNNDO calculations
PRDDO calculations
UF *VRDDO calculations / NDO calculations + SCF calculations*
PT molecular orbitals calculations
orbital calculation methods
DEU NDO-Berechnung
DSY NDO-Kalkulation

NDO-Berechnung
DEU for NDO calculations

NDO-Kalkulation
DUS für NDO calculations

NDT
USE nondestructive testing

Ne (chemisches Element)
USE neon

near edge structure, X-ray absorption
USE XANES

near net shape forming
USE net shape forming

near-field communication
BT radiocommunication
RT electronic commerce
mobile computing
mobile handsets
mobile radio
radiofrequency identification
telecommunication security
DEU Nahfeldkommunikation

near-field scanning optical microscopy
BT optical microscopy
scanning probe microscopy
SY *NSOM*
scanning near-field optical microscopy
SNOM
PT optical microscopy
RT atomic force microscopy
optical microscopes
DEU optische Nahfeldabtastmikroskopie

nearly-free-electron approximation
BT band theory
PT band theory models
RT free-electron approximation
DEU Annäherung benachbarter freier Elektronen

Nebel
DEU for fog

Nebel (interstellar)
DEU for nebulae

Nebelkammer
DEU for cloud chambers

nebenbedingungserfüllendes Problem
DEU for constraint satisfaction problems

Nebenbedingungstheorie
DEU for constraint theory

Nebenkanalinterferenz
DUS für adjacent channel interference
cochannel interference

Nebensprechen
DEU for crosstalk

nebulae
BT interstellar matter
NT H II regions
planetary nebulae
supernova remnants
UF *biconical nebulae / circumstellar matter + infrared sources (astronomical) + nebulae + stellar winds*
UF *bipolar nebulae / astrophysical jets + circumstellar matter + infrared sources (astronomical) + nebulae + stellar winds*
UF *cometary nebulae / nebulae + pre-main-sequence stars*
SY *diffuse nebulae*
emission nebulae
galactic nebulae
gaseous nebulae
UF *GGD objects / nebulae + stars*
UF *Gyulbudagian-Glushkov-Denisyuk objects / nebulae + pre-main-sequence stars + ultraviolet sources (astronomical)*
UF *Gyulbudagian-Magakian objects / nebulae + pre-main-sequence stars + ultraviolet sources (astronomical)*
UF *Herbig-Haro objects / nebulae +*

pre-main-sequence stars
UF *Of ring nebulae / circumstellar matter + nebulae + stars + stellar winds*
UF *protostellar clouds / nebulae + star formation*
SY *reflection nebulae*
UF *Wolf-Rayet ring nebulae / circumstellar matter + nebulae + stellar winds + Wolf-Rayet stars*
RT interstellar molecular clouds
DEU Nebel (interstellar)

nebular variables
USE pre-main-sequence stars

NEC computers
BT digital computers
PT microcomputers
RT microcomputers
DEU NEC-Computer

NEC-Computer
DEU for NEC computers

necking
BT plastic deformation
PT plastic deformation
RT plastic flow
DEU Einschnürung

needles
BT mechanical products
RT medical supplies
textile machinery
DEU Düsennadel
DSY Nadel
Zeiger

Neel temperature
BT magnetic transition temperature
PT antiferromagnetic properties of substances
RT antiferromagnetic materials
antiferromagnetism
paramagnetic-antiferromagnetic transitions
DEU Neel-Temperatur

Neel-Temperatur
DEU for Neel temperature

Negativ-Widerstands-Bauelement
DEU for negative resistance devices

Negativ-Widerstands-Effekt
DEU for negative resistance effects

Negativ-Widerstands-Schaltung
DEU for negative resistance circuits

Negativ-Widerstands-Wirkung
DUS für negative resistance effects

negative bias temperature instability
SY *NBTI*
RT electron traps
high-k dielectric thin films
hole traps
integrated circuit reliability
interface states
leakage currents
MOSFET
semiconductor device reliability
DEU negative Bias-Temperaturinstabilität

negative Bias-Temperaturinstabilität
DEU for negative bias temperature instability

negative binomial distribution
USE binomial distribution

negative electron affinity
USE electron affinity

negative feedback
USE feedback
DEU Gegenkopplung

negative feedback control systems
USE closed loop systems

negative impedance converters
USE negative impedance convertors

negative impedance convertors
BT impedance convertors
SY *negative impedance converters*
PT active networks
convertors
DEU Negative-Impedanz-Konverter

negative index materials
USE metamaterials

negative ions
BT ions
SY *anions*
PT ions
RT electron attachment
DEU Anion

DSY negatives Ion

negative Poisson ratio materials
USE auxetics

negative refractive index materials
USE metamaterials

negative resistance
BT electric resistance
PT electrical properties of substances
negative resistance effects
RT Gunn effect
hot electron transistors
limited space charge accumulation
negative resistance devices
oscillators
relaxation oscillators
DEU negativer Widerstand

negative resistance circuits
BT active networks
negative resistance devices
PT active networks
negative resistance devices
RT active filters
DEU Negativ-Widerstands-Schaltung

negative resistance devices
BT semiconductor devices
NT Gunn devices
negative resistance circuits
tunnel diodes
unijunction transistors
PT negative resistance
RT hot electron transistors
negative resistance
DEU Negativ-Widerstands-Bauelement

negative resistance effects
DEU Negativ-Widerstands-Effekt
DSY Negativ-Widerstands-Wirkung

Negative-Impedanz-Konverter
DEU for negative impedance convertors

negativer Widerstand
DEU for negative resistance

negatives Ion
DUS für negative ions

neglect of differential overlap calculations
USE NDO calculations

negotiation support systems
BT decision support systems
PT decision support systems
RT group decision support systems
DEU Verhandlungsunterstützungssystem

nematic liquid crystals
BT liquid crystals
PT liquid crystals
DEU nematisches Flüssigkristall

nematisches Flüssigkristall
DEU for nematic liquid crystals

NEMP
USE electromagnetic pulse

NEMS
USE nanoelectromechanical devices

Neodym
DEU for neodymium

neodymium
BT rare earth metals
SY *Nd (chemical element)*
RT neodymium alloys
neodymium compounds
DEU Neodym

neodymium alloys
BT rare earth alloys
PT rare earth alloys
RT neodymium
neodymium compounds
DEU Neodymlegierung

neodymium compounds
BT rare earth compounds
RT neodymium
neodymium alloys
DEU Neodymverbindung

Neodymlegierung
DEU for neodymium alloys

Neodymverbindung
DEU for neodymium compounds

neon
BT inert gases
non-metals
SY *Ne (chemisches Element)*
RT neon compounds
DEU Neon (Edelgas)

Neon (Edelgas)
DEU for neon

neon compounds
BT inert gas compounds
RT neon
DEU Neonverbindung

Neonverbindung
DEU for neon compounds

nephelometry
USE turbidimetry

Neptun (Planet)
DEU for Neptune

Neptune
BT planets
PT planets
DEU Neptun (Planet)

neptunium
BT actinides
SY *Np (chemical element)*
RT neptunium alloys
neptunium compounds
DEU Neptunium

neptunium alloys
BT actinide alloys
PT actinide alloys
RT neptunium
neptunium compounds
DEU Neptuniumlegierung

neptunium compounds
BT actinide compounds
RT neptunium
neptunium alloys
DEU Neptuniumverbindung

Neptuniumlegierung
DEU for neptunium alloys

Neptuniumverbindung
DEU for neptunium compounds

Neptunium
DEU for neptunium

Nernst effect
USE thermomagnetic effects

Nernst-Ettingshausen effect
USE thermomagnetic effects

nerve conduction
USE neurophysiology

nervous system
USE neurophysiology

NESSI
USE plasma focus

net shape forming
BT forming processes
SY *near net shape forming*
RT casting
densification
sintering
DEU Nettoformen

net structures (mechanical)
BT shapes (structures)
SY *mesh structures (mechanical)*
structural nets
RT aquaculture
fishing industry
flexible structures
geotechnical engineering
structural engineering
wires (general)
DEU Netzform (mechanisch)
DSY Netzstruktur (mechanisch)

Net-on-Chip
DEU for network-on-chip

Nettoformen
DEU for net shape forming

network analysers
SY *AC network analysers*
network analyzers
protocol analysers
RT computer networks
information theory
local area networks
microwave reflectometry
network analysis
networks (circuits)
DEU Netzwerkanalysator

network analysis
BT circuit theory
NT circuit analysis computing
linear network analysis
nonlinear network analysis
SY *circuit analysis*
RT circuit diagrams
circuit layout
circuit testing
equivalent circuits

frequency-domain analysis
graph theory
gyrators
impedance matrix
Laplace transforms
matrix algebra
multiport networks
multiterminal networks
network analysers
network synthesis
networks (circuits)
operations research
Routh methods
state-space methods
time-domain analysis
tolerance analysis
topology
transfer functions
transient analysis
two-port networks
vectors
Z transforms
DEU Netzwerkanalyse

network analysis (management)
USE management science

network analyzers
USE network analysers

network coding
BT encoding (general)
telecommunication networks
PT encoding (general)
RT channel coding
multicast communication
radio networks
DEU Netzwerkcodierung
DSY Netzwerkkodierung

network computers
BT data communication equipment
microcomputers
SY *thin clients*
thin computers
PT data communication equipment
microcomputers
RT interactive terminals
workstations
DEU Netzcomputer
DSY Netzrechner
Netzwerkcomputer
Netzwerkrechner

network databases
USE database management systems

network interfaces
BT computer interfaces
UF *High Performance Parallel Interface / local area networks + network interfaces + protocols*
UF *HIPPI / local area networks + network interfaces + protocols*
PT computer interfaces
RT computer networks
FDDI
DEU Netzschnittstelle

network management, telecommunications
USE telecommunication network management

network operating systems
BT distributed processing
operating systems (computers)
UF *distributed file systems / distributed databases + network operating systems*
SY *distributed operating systems*
PT operating systems (computers)
RT computer communications software
computer networks
electronic messaging
internetworking
local area networks
message passing
network servers
remote procedure calls
supervisory programs
telecommunication network management
DEU Netzwerkbetriebssystem

network parameters
BT circuit theory
NT S-parameters
PT circuit theory
network analysis
network synthesis
RT equivalent circuits
matrix algebra
S-matrix theory
DEU Netzwerkkenngröße (Schaltungstheorie)
DSY Netzwerkparameter

network routing
NT telecommunication network routing
UF *autorouters / circuit layout CAD + network routing*
UF *MIN routing / multiprocessor interconnection networks +*

network routing
SY *routeing*
routing
UF *wormhole routing / multiprocessor interconnection networks + network routing*
PT circuit layout CAD
circuit layout
RT circuit layout
circuit layout CAD
data flow graphs
integrated circuit layout
network topology
network-on-chip
signal flow graphs
DEU Netzwerk-Routing

network servers
NT file servers
multimedia server
video servers
UF *gateways / internetworking + network servers*
SY *servers, network*
PT computer networks
RT client-server systems
home networks
network operating systems
search engines
DEU Netzwerkdienst

network synthesis
BT circuit theory
NT circuit CAD
circuit optimisation
integrated circuit design
linear network synthesis
nonlinear network synthesis
printed circuit design
time-domain synthesis
SY *circuit design*
circuit synthesis
RT circuit diagrams
equivalent circuits
frequency-domain synthesis
graph theory
information theory
multiport networks
multiterminal networks
network analysis
networks (circuits)
state-space methods
switching theory
topology
vectors
DEU Netzwerksynthese

network theory
USE circuit theory
DEU Netzwerktheorie

network theory (graphs)
BT mathematics
PT graph theory
RT complex networks
graph theory
vehicle routing
DEU Netzwerktheorie (Graphen)

network topology
BT circuit theory
topology
NT telecommunication network topology
SY *circuit topology*
diakoptics
RT circuit layout
circuit layout CAD
multiterminal networks
network routing
networks (circuits)
RLC circuits
trees (mathematics)
DEU Netzwerktopologie

network-on-chip
BT system-on-chip
PT system-on-chip
RT integrated circuit interconnections
multiprocessor interconnection networks
network routing
packet switching
DEU Net-on-Chip

networked control systems
BT control systems
RT actuators
computer networks
delays
distributed control
Internet
large-scale systems
local area networks
sensors
DEU Netzwerksteuersystem
DSY Netzwerksteuerungssystem
vernetztes Steuersystem
vernetztes Steuerungssystem

networks (circuits)
NT active networks
amplifiers
analogue circuits
attenuators

bootstrap circuits
bridge circuits
buffer circuits
cascade networks
charge pump circuits
Chua's circuit
clock and data recovery circuits
clock distribution networks
comparators (circuits)
coupled circuits
current-mode circuits
delay circuits
demodulators
detector circuits
differentiating circuits
discriminators
distributed parameter networks
distribution networks
dividing circuits
equalisers
equivalent circuits
filters
frequency locked loops
integrated circuits
integrating circuits
lattice networks
LC circuits
limiters
lumped parameter networks
magnetic circuits
microwave circuits
millimetre wave circuits
mixers (circuits)
modulators
multiplying circuits
multiterminal networks
multivibrators
oscillators
passive networks
phase changing circuits
phase locked loops
phase shifters
power supply circuits
printed circuits
programmable circuits
pulse circuits
RC circuits
rectifying circuits
reference circuits
RLC circuits
sampled data circuits
signal conditioning circuits
smoothing circuits
snubbers
submillimetre wave circuits
summing circuits
switched networks
switching circuits
telecommunication networks
thyristor circuits
time-varying networks
timing circuits
transistor circuits
transmission networks
UHF circuits
VHF circuits

SY *circuits*
electric circuits
electric networks

PT circuits
networks

RT circuit diagrams
circuit noise
circuit oscillations
circuit reliability
circuit resonance
circuit theory
electronic engineering
network analysers
network analysis
network synthesis
network topology

DEU Netzwerk (Schaltung)

networks of workstations
USE workstation clusters

Netzanschluss
DEU for power supplies to apparatus

Netzanschlussgerät
DUS für power supplies to apparatus

Netzcomputer
DEU for network computers

Netzcomputeranwendung
DUS für grid computing

Netzentnahme
DUS für power consumption

Netzform (mechanisch)
DEU for net structures (mechanical)

Netzgerät
DEU for power supply circuits

Netzhandel
DUS für mobile commerce

Netzplanung
DUS für power system planning

Netzrechner
DUS für network computers

Netzrechneranwendung
DUS für grid computing

Netzschnittstelle
DEU for network interfaces

Netzsimulation
DUS für power system simulation

Netzstabilität (Energienetz)
DUS für power system stability

Netzstruktur (mechanisch)
DUS für net structures (mechanical)

Netzteil
DUS für power supplies to apparatus

Netzwerk (Schaltung)
DEU for networks (circuits)

Netzwerk-Routing
DEU for network routing

Netzwerkanalysator
DEU for network analysers

Netzwerkanalyse
DEU for network analysis

Netzwerkbetriebssystem
DEU for network operating systems

Netzwerkcodierung
DEU for network coding

Netzwerkcomputer
DUS für network computers

Netzwerkdienst
DEU for network servers

Netzwerkkenngröße (Schaltungstheorie)
DEU for network parameters

Netzwerkkodierung
DUS für network coding

Netzwerkparameter
DUS für network parameters

Netzwerkrechner
DUS für network computers

Netzwerksteuersystem
DEU for networked control systems

Netzwerksteuerungssystem
DUS für networked control systems

Netzwerksynthese
DEU for network synthesis

Netzwerktheorie
DEU for network theory

Netzwerktheorie (Graphen)
DEU for network theory (graphs)

Netzwerktopologie
DEU for network topology

Neues Modell
DEU for nova model

Neumann algebra
USE algebra

neural chips
BT neural nets
SY *silicon neurons*
PT neural nets
RT CMOS analogue integrated circuits
content-addressable storage
neurocontrollers
optical neural nets
threshold elements
VLSI
DEU neuronaler Chip

neural net architecture
BT computer architecture
neural nets
PT neural nets
RT parallel architectures
DEU Neuronale-Netz-Architektur

neural net training
USE learning (artificial intelligence)

neural nets
NT ART neural nets
Boltzmann machines
cellular neural nets
cerebellar model arithmetic computers
feedforward neural nets
fuzzy neural nets

neural chips
neural net architecture
neurocontrollers
optical neural nets
perceptrons
recurrent neural nets
self-organising feature maps
wavelet neural nets
SY *ANN*
artificial neural networks
connectionism
UF *memory (physiological) / brain* + *brain models* + *neural nets* + *neurophysiology*
SY *neuristor networks*
neuron models
UF *soft computing / fuzzy logic* + *neural nets* + *uncertainty handling*
RT artificial intelligence
associative processing
backpropagation
backward chaining
biocybernetics
brain models
content-addressable storage
cybernetics
divide and conquer methods
forward chaining
fuzzy control
generalisation (artificial intelligence)
Hebbian learning
independent component analysis
learning systems
memory architecture
molecular electronics
neurophysiology
pattern clustering
spatiotemporal phenomena
travelling salesman problems
unsupervised learning
DEU neurales Netz
DSY neurales Netzwerk
Neuralnetzwerk
Neuralnetzwerkwerk
neuronales Netz
neuronales Netzwerk
Neuronalnetz
Neuronalnetzwerk
Neuronennetz
Neuronennetzwerk

neurales Netz
DEU for neural nets

neurales Netzwerk
DUS für neural nets

Neuralnetzwerk
DUS für neural nets

Neuralnetzwerkwerk
DUS für neural nets

neuristor networks
USE neural nets

neurocontrollers
BT intelligent control
neural nets
PT intelligent control
neural chips
RT learning (artificial intelligence)
microcontrollers
neural chips
DEU neuronaler Regler
DSY Neuroregler

Neurologie
DEU for neurophysiology

neurology
USE neurophysiology

neuromuscular stimulation
BT muscle
neurophysiology
patient treatment
SY *functional neuromuscular stimulation*
PT muscle
neurophysiology
RT biocontrol
bioelectric phenomena
biomechanics
biomedical electrodes
handicapped aids
orthotics
patient rehabilitation
prosthetics
DEU neuromuskuläre Stimulation

neuromuskuläre Stimulation
DEU for neuromuscular stimulation

neuron models
USE neural nets

Neuronale-Netz-Architektur
DEU for neural net architecture

neuronalen Kettenschaltung
DEU for recurrent neural nets

neuronaler Chip
DEU for neural chips

neuronaler Regler
DEU for neurocontrollers

neuronales Fuzzynetz
DUS für fuzzy neural nets

neuronales Hopfield-Netz
DUS für Hopfield neural nets

neuronales Kettennetz
DUS für recurrent neural nets

neuronales Netz
DUS für neural nets

neuronales Netzwerk
DUS für neural nets

Neuronalnetz
DUS für neural nets

Neuronalnetzwerk
DUS für neural nets

Neuronennetz
DUS für neural nets

Neuronennetzwerk
DUS für neural nets

neurophysiology
BT physiology
NT neuromuscular stimulation
UF *memory (physiological) / brain + brain models + neural nets + neurophysiology*
SY *nerve conduction*
nervous system
neurology
plasticity, synaptic
spinal cord
UF *spine / bone + neurophysiology + orthopaedics*
SY *synaptic plasticity*
RT auditory evoked potentials
biomembrane transport
biotransport
brain
chemioception
cognition
electromyography
electroretinography
mechanoception
muscle
neural nets
sleep
spatiotemporal phenomena
visual evoked potentials
DEU Neurologie

Neuroregler
DUS für neurocontrollers

neutral beam injection (plasma)
USE plasma beam injection heating

neutral currents
BT elementary particle weak interactions
PT elementary particle weak interactions
RT charged currents
current algebra
weak interactions (atomic physics)
weak interactions (molecular physics)
Weinberg model
DEU Neutralstrom

neutrales Heliumatom
DEU for helium neutral atoms

neutrales Heliummolekül
DEU for helium neutral molecules

neutrales Wasserstoffatom
DEU for hydrogen neutral atoms

neutrales Wasserstoffmolekül
DEU for hydrogen neutral molecules

neutralinos
USE sparticles

Neutralstrom
DEU for neutral currents

Neutrino
DEU for neutrinos

neutrino detection
BT radiation detection
PT neutrino detection and measurement
RT chemical radiation detectors
neutrinos
radioactivity measurement
DEU Neutrino-Detektion

neutrino electric moment
BT lepton electric moment
PT lepton electric moment
RT neutrinos
DEU Neutrino-Elektro-Moment

neutrino interactions
NT neutrino-electron interactions
neutrino-muon interactions
neutrino-neutrino interactions
neutrino-nucleon interactions
PT neutrinos
RT neutrino oscillations
neutrino scattering
neutrino-nucleus reactions
neutrinos
photon-neutrino interactions
DEU Neutrinowechselwirkung

neutrino magnetic moment
BT lepton magnetic moment
PT lepton magnetic moment
RT neutrinos
DEU Neutrino-Magnet-Moment

neutrino mass
BT lepton mass
PT lepton mass
RT double beta decay
neutrinos
unified field theories
DEU Neutrino-Masse

neutrino oscillations
BT neutrinos
unified field theories
RT neutrino interactions
DEU Neutrino-Oszillation

neutrino production
BT lepton production
PT neutrinos
RT neutrinos
DEU Neutrino-Produktion

neutrino reactions
USE neutrino-nucleus reactions

neutrino scattering
NT neutrino-electron scattering
neutrino-muon scattering
neutrino-neutrino scattering
neutrino-nucleon scattering
PT neutrinos
RT neutrino interactions
neutrino-nucleus scattering
neutrinos
photon-neutrino scattering
DEU Neutrino-Streuung

neutrino sources
BT particle sources
PT particle sources
RT neutrinos
DEU Neutrino-Quelle

Neutrino-Atomkern-Reaktion
DEU for neutrino-nucleus reactions

Neutrino-Atomkern-Streuung
DEU for neutrino-nucleus scattering

Neutrino-Detektion
DEU for neutrino detection

neutrino-deuteron interactions
BT lepton-deuteron interactions
PT lepton-deuteron interactions
neutrino interactions
RT neutrino-deuteron scattering
DEU Neutrino-Deuteron-Wechselwirkung

neutrino-deuteron scattering
BT lepton-deuteron scattering
PT lepton-deuteron scattering
neutrino scattering
RT neutrino-deuteron interactions
DEU Neutrino-Deuteron-Streuung

Neutrino-Deuteron-Streuung
DEU for neutrino-deuteron scattering

Neutrino-Deuteron-Wechselwirkung
DEU for neutrino-deuteron interactions

neutrino-electron interactions
BT lepton-lepton interactions
neutrino interactions
PT electron interactions
neutrino interactions
RT neutrino-electron scattering
DEU Neutrino-Elektron-Wechselwirkung

neutrino-electron scattering
BT lepton-lepton scattering
neutrino scattering
PT electron scattering
neutrino scattering
RT neutrino-electron interactions
DEU Neutrino-Elektron-Streuung

Neutrino-Elektro-Moment
DEU for neutrino electric moment

Neutrino-Elektron-Streuung
DEU for neutrino-electron scattering

Neutrino-Elektron-Wechselwirkung
DEU for neutrino-electron interactions

Neutrino-Magnet-Moment
DEU for neutrino magnetic moment

Neutrino-Masse
DEU for neutrino mass

neutrino-muon interactions
BT neutrino interactions
PT neutrino interactions
RT neutrino-muon scattering
DEU Neutrino-Muon-Wechselwirkung

neutrino-muon scattering
BT neutrino scattering
PT neutrino scattering
RT neutrino-muon interactions
DEU Neutrino-Muon-Streuung

Neutrino-Muon-Streuung
DEU for neutrino-muon scattering

Neutrino-Muon-Wechselwirkung
DEU for neutrino-muon interactions

neutrino-neutrino interactions
BT lepton-lepton interactions
neutrino interactions
PT neutrino interactions
RT neutrino-neutrino scattering
DEU Neutrino-Neutrino-Wechselwirkung

neutrino-neutrino scattering
BT lepton-lepton scattering
neutrino scattering
PT neutrino scattering
RT neutrino-neutrino interactions
DEU Neutrino-Neutrino-Streuung

Neutrino-Neutrino-Streuung
DEU for neutrino-neutrino scattering

Neutrino-Neutrino-Wechselwirkung
DEU for neutrino-neutrino interactions

neutrino-neutron interactions
BT neutrino-nucleon interactions
PT neutrino-nucleon interactions
RT neutrino-neutron scattering
DEU Neutrino-Neutron-Wechselwirkung

neutrino-neutron scattering
BT neutrino-nucleon scattering
PT neutrino-nucleon scattering
RT neutrino-neutron interactions
DEU Neutrino-Neutron-Streuung

Neutrino-Neutron-Streuung
DEU for neutrino-neutron scattering

Neutrino-Neutron-Wechselwirkung
DEU for neutrino-neutron interactions

neutrino-nucleon interactions
BT lepton-nucleon interactions
neutrino interactions
NT neutrino-neutron interactions
neutrino-proton interactions
PT neutrino interactions
neutron interactions
nucleon interactions
RT neutrino-nucleon scattering
neutrino-nucleus reactions
DEU Neutrino-Nukleon-Wechselwirkung

neutrino-nucleon scattering
BT lepton-nucleon scattering
neutrino scattering
NT neutrino-neutron scattering
neutrino-proton scattering
PT neutrino scattering
neutron scattering
nucleon scattering
proton scattering
RT neutrino-nucleon interactions
neutrino-nucleus scattering
DEU Neutrino-Nukleon-Streuung

neutrino-nucleus reactions
BT lepton-nucleus reactions
SY *neutrino reactions*
PT nuclear reactions and scattering
due to neutrinos
RT neutrino interactions
neutrino-nucleon interactions
DEU Neutrino-Atomkern-Reaktion

neutrino-nucleus scattering
BT lepton-nucleus scattering
PT nuclear reactions and scattering
due to neutrinos
RT neutrino scattering
neutrino-nucleon scattering
DEU Neutrino-Atomkern-Streuung

Neutrino-Nukleon-Streuung
DEU for neutrino-nucleon scattering

Neutrino-Nukleon-Wechselwirkung
DEU for neutrino-nucleon interactions

Neutrino-Oszillation
DEU for neutrino oscillations

Neutrino-Produktion
DEU for neutrino production

neutrino-proton interactions
BT neutrino-nucleon interactions
PT neutrino-nucleon interactions
RT neutrino-proton scattering
DEU Neutrino-Proton-Wechselwirkung

neutrino-proton scattering
BT neutrino-nucleon scattering
PT neutrino-nucleon scattering
RT neutrino-proton interactions
DEU Neutrino-Proton-Streuung

Neutrino-Proton-Streuung
DEU for neutrino-proton scattering

Neutrino-Proton-Wechselwirkung
DEU for neutrino-proton interactions

Neutrino-Quelle
DEU for neutrino sources

Neutrino-Streuung
DEU for neutrino scattering

neutrinos
BT leptons
NT cosmic ray neutrinos
neutrino oscillations
SY *antineutrinos*
geoneutrinos
ny (neutrino)
RT neutrino detection
neutrino electric moment
neutrino interactions
neutrino magnetic moment
neutrino mass
neutrino production
neutrino scattering
neutrino sources
DEU Neutrino

Neutrinowechselwirkung
DEU for neutrino interactions

Neutro-Atomkern-Streuung
DEU for neutron-nucleus scattering

Neutron
DEU for neutrons

neutron absorption
BT absorption
neutron physics
RT neutron radiative capture
neutron-nucleus reactions
neutrons
DEU Neutronen-Absorption

neutron activation analysis
BT nuclear chemical analysis
SY *activation analysis (neutron)*
INAA
instrumental neutron activation analysis
PT chemical analysis by nuclear reactions and scattering
RT explosive detection
radioactive chemical analysis
DEU Neutronenaktivierungsanalyse

neutron angular distribution
RT neutron spectra
neutrons
DEU Neutronenwinkelverteilung

neutron beam effects
USE neutron effects

neutron beams
BT particle beams
PT particle beams
RT beam handling techniques
neutron capture therapy
neutron effects
neutron flux
neutrons
particle optics
DEU Neutronenstrahl

neutron bottles
USE particle traps

neutron capture therapy
BT radiation therapy
SY *BCNT*
boron neutron capture therapy
PT radiation therapy
RT biological effects of neutrons
dosimetry
neutron beams
neutron sources
DEU Neutroneneinfangtherapie

neutron decay
BT baryon decay
semileptonic decays
PT baryon decay
RT neutrons
DEU Neutronen-Zerfall

neutron detection
BT radiation detection
PT neutron detection and measurement
RT explosive detection
helium-3 counters
neutron spectrometers
neutrons
radioactivity measurement
self-powered neutron detectors
DEU Neutronen-Detektion

neutron diffraction
BT diffraction
NT neutron diffraction crystallography
UF *neutron scattering / neutron diffraction* + *neutron-deuteron scattering* + *neutron-nucleus scattering* + *nucleon-nucleon scattering*
RT atom-neutron collisions
molecule-neutron collisions
neutron spin echo
DEU Neutronenbeugung

neutron diffraction crystallography
BT crystallography
neutron diffraction
SY *neutron scattering (crystallography)*
RT crystal structure
DEU Neutronenbeugungskristallographie

neutron diffusion
BT neutron physics
SY *multigroup diffusion*
RT neutron flux
neutron transport theory
neutrons
DEU Neutronendiffusion

neutron effects
BT radiation effects
NT accelerator-based transmutation
biological effects of neutrons
SY *neutron beam effects*
UF *neutron transmutation doping / neutron effects* + *semiconductor doping*
RT neutron beams
neutron-nucleus reactions
swelling
DEU Neutronen-Effekt
DSY Neutronen-Wirkung

neutron electric moment
BT nucleon electric moment
PT electric moments
RT neutrons
DEU Neutronen-Elektro-Moment

neutron flux
BT neutron physics
SY *flux (neutron)*
PT neutrons
RT fission reactor kinetics
fission reactor monitoring
fission reactor physics
neutron beams
neutron diffusion
neutron moderation
neutron reflection
neutron transport theory
reactivity (fission reactors)
DEU Neutronenfluss

neutron halos
USE nuclear halos

neutron interactions
USE neutron-deuteron interactions
\+ neutron-nucleus reactions
\+ nucleon-nucleon interactions

neutron interferometry
USE particle interferometry

neutron magnetic moment
BT nucleon magnetic moment
PT magnetic moments
RT neutrons
DEU Neutron-Magnet-Moment

neutron matter
USE nuclear matter

neutron moderation
BT neutron physics
SY *moderation (neutron)*
RT neutron flux
neutron transport theory
neutrons
DEU Neutronenmoderation

neutron oscillations
BT neutrons
unified field theories
PT neutrons
unified field theories

DEU Neutronen-Oszillation

neutron physics
NT neutron absorption
neutron diffusion
neutron flux
neutron moderation
neutron reflection
neutron transport theory
RT neutrons
DEU Neutronenphysik

neutron polarisation
BT polarisation
SY *neutron polarization*
RT neutrons
DEU Neutronen-Polarisation
DSY Neutronenpolarisation

neutron polarization
USE neutron polarisation

neutron production
BT baryon production
RT baryon photoproduction
neutron spectra
neutrons
DEU Neutronen-Produktion

neutron radiative capture
BT neutron-nucleus reactions
PT nuclear reactions and scattering due to neutrons
RT neutron absorption
DEU Neutronenstrahleinfang
DSY Neutronenstrahlungseinfang

neutron radiography
BT radiography
PT radiography
RT nondestructive testing
DEU Neutronenradiografie
DSY Neutronenradiographie

neutron reactions
USE neutron-nucleus reactions

neutron reflection
BT neutron physics
reflection
RT neutron flux
neutrons
DEU Neutronenreflexion

neutron scattering (crystallography)
USE neutron diffraction crystallography

neutron scattering (molecules)
USE molecule-neutron collisions

neutron scattering
USE neutron diffraction
\+ neutron-deuteron scattering
\+ neutron-nucleus scattering
\+ nucleon-nucleon scattering

neutron sources
BT particle sources
PT neutron production
particle sources
RT neutron capture therapy
neutrons
ultracold neutrons
DEU Neutronenquelle

neutron spectra
BT spectra (general)
RT neutron angular distribution
neutron production
neutron spectrometers
neutron spectroscopy
DEU Neutronenspektrum

neutron spectrometers
BT particle spectrometers
RT neutron detection
neutron spectra
neutron spectroscopy
DEU Neutronen-Spektrometer
DSY Neutronenspektrometer

neutron spectroscopy
BT spectroscopy
PT neutron spectra
RT neutron spectra
neutron spectrometers
DEU Neutronen-Spektroskopie
DSY Neutronenspektroskopie

neutron spin echo
RT neutron diffraction
DEU Neutronenspinecho

neutron stars
BT stars
UF *HZ Her stars / neutron stars + variable stars + X-ray binary stars*
UF *X-ray pulsars / neutron stars + white dwarfs + X-ray binary stars*
PT stars
RT gravitational collapse
pulsars
quasi-periodic oscillations (astronomical)
DEU Neutronenstern

neutron transmutation doping
USE neutron effects
\+ semiconductor doping

neutron transport theory
BT neutron physics
transport processes
SY *transport theory of neutrons*
RT fission reactor design
fission reactor kinetics
fission reactor physics
fission reactor theory
neutron diffusion
neutron flux
neutron moderation
DEU Neutronentransporttheorie

neutron traps
USE particle traps

Neutron-Atomkern-Reaktion
DEU for neutron-nucleus reactions

neutron-deuteron interactions
BT hadron-deuteron interactions
UF *neutron interactions / neutron-deuteron interactions* + *neutron-nucleus reactions* + *nucleon-nucleon interactions*
PT hadron-deuteron interactions
RT neutron-deuteron scattering
DEU Neutron-Deuteron-Wechselwirkung

neutron-deuteron scattering
BT hadron-deuteron scattering
UF *neutron scattering / neutron diffraction* + *neutron-deuteron scattering* + *neutron-nucleus scattering* + *nucleon-nucleon scattering*
PT hadron-deuteron scattering
RT neutron-deuteron interactions
DEU Neutron-Deuteron-Streuung

Neutron-Deuteron-Streuung
DEU for neutron-deuteron scattering

Neutron-Deuteron-Wechselwirkung
DEU for neutron-deuteron interactions

Neutron-Magnet-Moment
DEU for neutron magnetic moment

neutron-neutron interactions
BT nucleon-nucleon interactions
PT nucleon-nucleon interactions
RT neutron-neutron scattering
DEU Neutron-Neutron-Wechselwirkung

neutron-neutron scattering
BT nucleon-nucleon scattering
PT nucleon-nucleon scattering
RT neutron-neutron interactions
DEU Neutron-Neutron-Streuung

Neutron-Neutron-Streuung
DEU for neutron-neutron scattering

Neutron-Neutron-Wechselwirkung
DEU for neutron-neutron interactions

neutron-nucleus reactions
BT nucleon-nucleus reactions
NT neutron radiative capture
UF *neutron interactions / neutron-deuteron interactions* + *neutron-nucleus reactions* + *nucleon-nucleon interactions*
SY *neutron reactions*
PT nuclear reactions and scattering due to neutrons
RT neutron absorption
neutron effects
nucleon-nucleon interactions
DEU Neutron-Atomkern-Reaktion

neutron-nucleus scattering
BT nucleon-nucleus scattering
UF *neutron scattering / neutron diffraction* + *neutron-deuteron scattering* + *neutron-nucleus scattering* + *nucleon-nucleon scattering*
PT nuclear reactions and scattering due to neutrons
RT nucleon-nucleon scattering
DEU Neutro-Atomkern-Streuung

neutron-proton interactions
BT proton-nucleon interactions
PT neutron interactions
nucleon interactions
nucleon-nucleon interactions
proton interactions
RT neutron-proton scattering
proton-nucleus reactions
DEU Neutron-Proton-Wechselwirkung

neutron-proton scattering
BT proton-nucleon scattering
RT neutron-proton interactions
proton-nucleus scattering
DEU Neutron-Proton-Streuung

Neutron-Proton-Streuung
DEU for neutron-proton scattering

Neutron-Proton-Wechselwirkung
DEU for neutron-proton interactions

Neutronen-Absorption
DEU for neutron absorption

Neutronen-Detektion
DEU for neutron detection

Neutronen-Effekt
DEU for neutron effects

Neutronen-Elektro-Moment
DEU for neutron electric moment

Neutronen-Oszillation
DEU for neutron oscillations

Neutronen-Polarisation
DEU for neutron polarisation

Neutronen-Produktion
DEU for neutron production

Neutronen-Spektrometer
DEU for neutron spectrometers

Neutronen-Spektroskopie
DEU for neutron spectroscopy

Neutronen-Wirkung
DUS für neutron effects

Neutronen-Zerfall
DEU for neutron decay

Neutronenaktivierungsanalyse
DEU for neutron activation analysis

Neutronenbeugung
DEU for neutron diffraction

Neutronenbeugungskristallographie
DEU for neutron diffraction crystallography

Neutronendiffusion
DEU for neutron diffusion

Neutroneneinfangtherapie
DEU for neutron capture therapy

Neutronenfluss
DEU for neutron flux

Neutronenmoderation
DEU for neutron moderation

Neutronenphysik
DEU for neutron physics

Neutronenpolarisation
DUS für neutron polarisation

Neutronenquelle
DEU for neutron sources

Neutronenradiografie
DEU for neutron radiography

Neutronenradiographie
DUS für neutron radiography

Neutronenreflexion
DEU for neutron reflection

Neutronenspektrometer
DUS für neutron spectrometers

Neutronenspektroskopie
DUS für neutron spectroscopy

Neutronenspektrum
DEU for neutron spectra

Neutronenspinecho
DEU for neutron spin echo

Neutronenstern
DEU for neutron stars

Neutronenstrahl
DEU for neutron beams

Neutronenstrahleinfang
DEU for neutron radiative capture

Neutronenstrahlungseinfang
DUS für neutron radiative capture

Neutronentransporttheorie
DEU for neutron transport theory

Neutronenwinkelverteilung
DEU for neutron angular distribution

neutrons
BT nucleons
NT cosmic ray neutrons
delayed neutrons
neutron oscillations
ultracold neutrons
SY *antineutrons*

dineutrons
tetraneutrons
RT neutron absorption
neutron angular distribution
neutron beams
neutron decay
neutron detection
neutron diffusion
neutron electric moment
neutron magnetic moment
neutron moderation
neutron physics
neutron polarisation
neutron production
neutron reflection
neutron sources
DEU Neutron

newsgroups
USE information resources

newspapers
USE publishing

Newton method
BT iterative methods
PT iterative methods
DEU Newton-Methode

Newton-Methode
DEU for Newton method

Newton-Raphson method
BT iterative methods
PT iterative methods
DEU Newton-Raphson-Methode

Newton-Raphson-Methode
DEU for Newton-Raphson method

NEXAFS
USE EXAFS
\+ XANES

next generation networks
BT telecommunication networks
SY *NGN*
PT telecommunication networks
RT 3G mobile communication
broadband networks
Internet
IP networks
multimedia communication
optical fibre networks
protocols
quality of service
telecommunication services
DEU Nächste-Generationen-Netzwerk

NGN
USE next generation networks

NH3
USE ammonia

Ni (chemical element)
USE nickel
DEU Ni (chemisches Element)

Ni (chemisches Element)
DEU for Ni (chemical element)

nicht strahlender dielektrischer Wellenleiter
DEU for nonradiative dielectric waveguides

nicht-Newtonsche Strömung
DEU for non-Newtonian flow

nicht-Newtonsche-Flüssigkeit
DEU for non-Newtonian fluids

nichtangeleitetes Lernen
DEU for unsupervised learning

nichtelektrisches Endkontrollgerät
DEU for nonelectric final control devices

nichtelektrisches Endsteuergerät
DUS für nonelectric final control devices

nichtelektrisches Sensorgerät
DEU for nonelectric sensing devices

nichtgeführtes Lernen
DUS für unsupervised learning

nichtgleichförmige Strömung
DEU for nonequilibrium flow

nichtgleichförmige Thermodynamik
DEU for nonequilibrium thermodynamics

nichtkommutative Feldtheorie
DEU for noncommutative field theory

nichtkristalline Struktur
DEU for noncrystalline structure

nichtkristalliner Defekt
DEU for noncrystalline defects

nichtleptonischer Zerfall
DEU for nonleptonic decays

nichtlineare Akustik
DEU for nonlinear acoustics

nichtlineare Differentialgleichung
DEU for nonlinear differential equations

nichtlineare Differenzialgleichung
DUS für nonlinear differential equations

nichtlineare Feldtheorie
DEU for nonlinear field theory

nichtlineare Funktion
DEU for nonlinear functions

nichtlineare Gleichung
DEU for nonlinear equations

nichtlineare Netzwerkanalyse
DEU for nonlinear network analysis

nichtlineare Netzwerksynthese
DEU for nonlinear network synthesis

nichtlineare Optik
DEU for nonlinear optics

nichtlineare optische Suszeptibilität
DEU for nonlinear optical susceptibility

nichtlineare Plasmawelle
DEU for plasma nonlinear waves

nichtlineare Programmierung
DEU for nonlinear programming

nichtlineare Regelung
DEU for nonlinear control systems

nichtlineare Schätzung
DEU for nonlinear estimation

nichtlineare Steuerung
DUS für nonlinear control systems

nichtlineare Symmetrie
DEU for nonlinear symmetries

nichtlineare Verformung
DUS für nonlinear distortion

nichtlineare Verzerrung
DEU for nonlinear distortion

nichtlinearer Code
DEU for nonlinear codes

nichtlinearer Plasmaprozess
DEU for plasma nonlinear processes

nichtlineares dynamisches System
DEU for nonlinear dynamical systems

nichtlineares Filter
DEU for nonlinear filters

nichtlineares Medium
DEU for nonlinear media

nichtlineares Regelsystem
DUS für nonlinear control systems

nichtlineares Regelungsystem
DUS für nonlinear control systems

nichtlineares Steuersystem
DUS für nonlinear control systems

nichtlineares Steuerungs- und Regelungssystem
DUS für nonlinear control systems

nichtlineares Steuerungsystem
DUS für nonlinear control systems

nichtlineares System
DEU for nonlinear systems

Nichtlinearität (Steuerungstechnik)
DEU for control nonlinearities

Nichtmetall
DEU for non-metals

nichtmonotones Schlussfolgern
DEU for nonmonotonic reasoning

nichtöffentliche Funkstelle
DUS für radio applications

nichtparametrische Statistik
DEU for nonparametric statistics

nichtradiativer dielektrischer Wellenleiter
DUS für nonradiative dielectric waveguides

nichtrostender austenitischer Stahl
DEU for austenitic stainless steel

nichtrostender Stahl
DEU for stainless steel

nichtstrahlender dielektrischer Wellenleiter
DUS für nonradiative dielectric waveguides

nichtstrahlender Übergang
DEU for nonradiative transitions

nickel
BT transition metals
SY *Ni (chemical element)*
RT nickel alloys
nickel compounds
DEU Nickel

nickel alloys
BT transition metal alloys
NT Elinvar (alloy)
Invar (alloy)
Permalloy
UF *alnico alloys / aluminium alloys + cobalt alloys + iron alloys + nickel alloys*
UF *Hastelloy / iron alloys + molybdenum alloys + nickel alloys*
UF *Incoloy / chromium alloys + iron alloys + nickel alloys*
UF *Inconel / chromium alloys + iron alloys + nickel alloys*
UF *Monel / copper alloys + nickel alloys*
SY *Nimonic*
UF *nitinol / nickel alloys + titanium alloys*
SY *Rene*
RT nickel
nickel compounds
DEU Nickellegierung

nickel compounds
BT transition metal compounds
RT nickel
nickel alloys
DEU Nickelverbindung

Nickellegierung
DEU for nickel alloys

Nickelverbindung
DEU for nickel compounds

Nickel
DEU for nickel

Niederdruck
DUS für pressure

Niederfrequenzgerät
DUS für audio equipment

Niederschlag (physikalische Chemie)
DUS für precipitation (physical chemistry)

Niedertemperaturtechnik
DEU for low-temperature techniques

Niedertemperaturtechnologie
DUS für low-temperature techniques

Niedertemperaturverfahren
DUS für low-temperature techniques

Niedrigenergieelektronenbeugung
DUS für low energy electron diffraction

Niedrigenergieelektronendiffraktion
DUS für low energy electron diffraction

Niedrigenergieelektronik
DUS für low-power electronics

Niedrigenergieniveau-Spektroskopie
DUS für deep level transient spectroscopy

Niedrigenergieniveauspektroskopie
DUS für deep level transient spectroscopy

Niedrigtemperaturphänomen
DEU for low-temperature phenomena

Niedrigtemperaturproduktion
DEU for low-temperature production

Niere
DEU for kidney

Nieten
DEU for riveting

night sky
USE sky brightness

night vision
BT image intensifiers
infrared imaging
PT image intensifiers
image sensors
infrared imaging
RT aircraft instrumentation
image sensors
military equipment
DEU Nachtsehen
DSY Nachtsicht
Nachtsichtigkeit

nightglow
BT airglow
PT airglow
DEU Nachthimmelsleuchten
DSY Nachthimmelslicht

Nilsson's model
USE nuclear shell model

Nimonic
USE nickel alloys

Niob
DEU for niobium

niobium
BT transition metals
SY *Cb (chemical element)*
columbium
Nb (chemical element)
RT niobium alloys
niobium compounds
DEU Niob

niobium alloys
BT transition metal alloys
PT niobium compounds
RT niobium
niobium compounds
DEU Nioblegierung

niobium compounds
BT transition metal compounds
RT niobium
niobium alloys
DEU Niobverbindung

Nioblegierung
DEU for niobium alloys

Niobverbindung
DEU for niobium compounds

nitinol
USE nickel alloys
\+ titanium alloys

nitridation
BT chemical reactions
UF *rapid thermal nitridation / nitridation + rapid thermal processing*
PT materials preparation
semiconductor technology
surface treatment
RT materials preparation
oxidation
rapid thermal processing
semiconductor technology
surface chemistry
surface treatment
DEU Nitrieren
DSY Nitrierung

nitriding
USE surface hardening

Nitrieren
DEU for nitridation

Nitrierung
DUS für nitridation

nitrogen
BT non-metals
SY *N (chemical element)*
RT nitrogen compounds
DEU Stickstoff

nitrogen compounds
BT inorganic compounds
NT ammonia
ammonium compounds
RT nitrogen
DEU Stickstoffverbindung

Niveauregler
DEU for level control

nklearmagnetisches Moment
DEU for nuclear magnetic moment

NML Cyg stars
USE giant stars
\+ infrared sources (astronomical)
\+ supergiant stars

NML Tau stars
USE giant stars
\+ infrared sources (astronomical)
\+ supergiant stars

NMOS integrated circuits
USE MOS integrated circuits

NMOS transistors
USE MOSFET

NMR
USE nuclear magnetic resonance

NMR imaging
BT magnetic resonance imaging
nuclear magnetic resonance
SY *nuclear magnetic resonance imaging*

PT nuclear magnetic resonance imaging
RT biological NMR
biomedical MRI
EPR imaging
NMR spectroscopy
DEU Kernmagnetresonanzbilderzeugung
DSY Kernmagnetresonanzbildgebung
NMR-Bilderzeugung
NMR-Bildgebung

NMR imaging (biomedical)
USE biomedical MRI

NMR line breadth
BT nuclear magnetic resonance spectral line breadth
PT nuclear magnetic resonance spectral line breadth
DEU NMR-Linienbreite

NMR spectra
USE nuclear magnetic resonance

NMR spectrometers
BT magnetic resonance spectrometers
nuclear magnetic resonance
SY *nuclear magnetic resonance spectrometers*
PT magnetic resonance spectrometers
RT NMR spectroscopy
radiofrequency spectrometers
DEU NMR-Spektrometer

NMR spectroscopy
BT magnetic resonance spectroscopy
nuclear magnetic resonance
SY *nuclear magnetic resonance spectroscopy*
PT nuclear magnetic resonance spectroscopy
RT biological NMR
biomedical NMR
magic angle spinning
NMR imaging
NMR spectrometers
radiofrequency spectroscopy
DEU Kernresonanz-Spektroskopie
DSY Kernresonanzspektroskopie
NMR-Spektrometer
NMR-Spektroskopie

NMR spin echo
USE spin echo (NMR)

NMR-Bilderzeugung
DUS für NMR imaging

NMR-Bildgebung
DUS für NMR imaging

NMR-Linienbreite
DEU for NMR line breadth

NMR-Spektrometer
DEU for NMR spectrometers

NMR-Spektrometer
DUS für NMR spectroscopy

NMR-Spektroskopie
DUS für NMR spectroscopy

NNNDO calculations
USE NDO calculations

No (chemical element)
USE nobelium
DEU No (chemisches Element)

No (chemisches Element)
DEU for No (chemical element)

nobelium
BT actinides
transuranes
SY *No (chemical element)*
RT nobelium compounds
DEU Nobelium

nobelium compounds
BT actinide compounds
RT nobelium
DEU Nobeliumverbindung

Nobeliumverbindung
DEU for nobelium compounds

Nobelium
DEU for nobelium

noble gases
USE inert gases
DEU Edelgas

noble metal alloys
DEU Edelmetalllegierung

noble metal compounds
DEU Edelmetallverbindung

noble metals
DEU Edelmetall

Nocke (mechanisch)
DEU for cams (mechanical)

Nockenwelle
DEU for camshafts

noctilucent clouds
BT mesosphere
SY *clouds, noctilucent*
polar mesospheric clouds
PT clouds
DEU noctiluzente Wolke

noctiluzente Wolke
DEU for noctilucent clouds

noise
NT acoustic noise
circuit noise
electron device noise
impulse noise
magnetic noise
optical noise
phase noise
quantum noise
random noise
SY *electrical noise*
UF *solar noise / noise + solar radiofrequency radiation*
RT atmospherics
current fluctuations
fluctuations
interference (signal)
interference suppression
interference
noise abatement
noise generators
noise measurement
roundoff errors
DEU Geräusch
DSY Geräuschschall
Krach
Lärmschall
Rauschen
Störgeräusch

noise (working environment)
BT acoustic noise
ergonomics
hazards
SY *environmental noise*
PT noise abatement
noise pollution
RT ear protection
indoor environment
noise abatement
noise pollution
DEU Lärm (Arbeitsumgebung)

noise abatement
NT active noise control
silencers
SY *acoustic insulating materials*
acoustic noise control
insulating materials, acoustic
noise control (acoustic)
RT acoustic noise measurement
acoustic variables control
acoustic wave absorption
architectural acoustics
ear protection
noise
noise (working environment)
noise pollution
DEU Geräuschbekämpfung
DSY Lärmbekämpfung
Lärmminderung

noise annoyance
USE noise pollution

noise control (acoustic)
USE noise abatement

noise control (interference)
USE interference suppression

noise elimination
USE interference suppression
DEU Rauschunterdrückung

noise generators
BT signal generators
RT acoustic generators
chaos generators
electric noise measurement
noise
noise measurement
DEU Rauschgenerator

noise levels, acoustic
USE acoustic noise

noise measurement
BT measurement
NT acoustic noise measurement
electric noise measurement
UF *optical noise measurement / noise measurement + optical variables measurement*
RT distortion measurement
interference (signal)
noise

noise generators
DEU Lärmmessung
DSY Rauschmessung
Störpegelmessung

noise nuisance
USE noise pollution

noise pollution
BT acoustic noise
hazards
pollution
SY *noise annoyance*
noise nuisance
PT acoustic noise
pollution
RT noise (working environment)
noise abatement
silencers
DEU Lärm (Umwelt)
DSY Lärmexposition

noise, magnetic
USE magnetic noise

nomenclature
SY *symbols*
terminology
RT glossaries
units (measurement)
DEU systematische Namensgebung

Nomogramm
DEU for nomograms

nomograms
BT diagrams
SY *abacs*
RT calculation
graphs
numerical analysis
DEU Nomogramm

non-bibliographic databases
USE factographic databases

non-metals
BT elements (chemical)
NT argon
astatine
bromine
carbon
chlorine
fluorine
helium
hydrogen
iodine
krypton
neon
nitrogen
oxygen
phosphorus
radon
selenium
silicon
sulphur
xenon
SY *nonmetals*
DEU Nichtmetall

non-Newtonian flow
BT flow
SY *viscoelastic flow*
PT flow
RT non-Newtonian fluids
rheology
DEU nicht-Newtonsche Strömung

non-Newtonian fluids
BT fluids
NT polymer melts
polymer solutions
SY *Bingham fluids*
Boger fluids
Casson fluid
Eyring model fluid
Oldroyd fluids
viscoelastic fluids
PT flow
RT colloids
non-Newtonian flow
rheology
sols
viscosity
DEU nicht-Newtonsche-Flüssigkeit

noncommutative field theory
BT quantum field theory
PT quantum field theory
DEU nichtkommutative Feldtheorie

nonconvex programming
USE concave programming

noncrystalline defects
BT noncrystalline structure
SY *defects, noncrystalline*
PT noncrystalline state structure
RT crystal defects
DEU nichtkristalliner Defekt

noncrystalline structure
BT solid structure
NT glass structure
noncrystalline defects
polymer structure

SY *amorphous state structure*
PT noncrystalline state structure
RT amorphous state
vitreous state
DEU nichtkristalline Struktur

nondestructive readout
BT digital storage
SY *readout, nondestructive*
RT readout electronics
DEU Nurlesespeicher

nondestructive testing
BT materials testing
NT eddy current testing
flaw detection
ultrasonic materials testing
SY *dye penetrant tests*
NDT
RT acoustic emission testing
neutron radiography
radiography
shearography
DEU zerstörungsfreier Test
DSY zerstörungsfreies Prüfen

nondeterministic systems
USE control systems

nonelectric final control devices
BT control equipment
RT brakes
clutches
hydraulic control equipment
mechanical control equipment
pneumatic control equipment
variable speed gear
DEU nichtelektrisches Endkontrollgerät
DSY nichtelektrisches Endsteuergerät

nonelectric sensing devices
BT sensors
NT optical sensors
SY *sensors, nonelectric*
RT biosensors
chemical sensors
diaphragms
gas sensors
hydraulic control equipment
instruments
measurement
mechanical control equipment
pneumatic control equipment
DEU nichtelektrisches Sensorgerät

nonequilibrium flow
BT flow
RT flow instability
Rayleigh-Benard instability
Rayleigh-Taylor instability
DEU nichtgleichförmige Strömung

nonequilibrium thermodynamics
BT thermodynamics
PT thermodynamics
RT entropy
irreversible thermodynamics
thermodynamic properties
DEU nichtgleichförmige Thermodynamik

nonhomogeneous media
USE inhomogeneous media

nonleptonic decays
BT elementary particle decay
NT baryon hadronic decay
meson hadronic decay
weak hadronic decays
SY *hadronic particle decay*
PT baryon hadronic decay
meson hadronic decay
DEU nichtleptonischer Zerfall

nonlinear acoustics
BT acoustics
NT acoustic resonance
UF *acoustic cavitation / cavitation +*
nonlinear acoustics
RT acoustic arrays
acoustic distortion
acoustic streaming
harmonic generation
harmonics suppression
self-focusing
underwater sound
DEU nichtlineare Akustik

nonlinear codes
BT codes
PT codes
RT error correction codes
DEU nichtlinearer Code

nonlinear control systems
BT control systems
nonlinear systems
PT nonlinear systems
RT bang-bang control
bilinear systems
continuous time systems
control nonlinearities
limit cycles
on-off control

phase space methods
piecewise constant techniques
piecewise linear techniques
piecewise polynomial techniques
Popov criterion
relay control
robust control
DEU nichtlineare Regelung
DSY nichtlineare Steuerung
nichtlineares Regelsystem
nichtlineares Regelungsystem
nichtlineares Steuersystem
nichtlineares Steuerungs- und Regelungssystem
nichtlineares Steuerungsystem

nonlinear differential equations
BT differential equations
nonlinear equations
NT Navier-Stokes equations
shallow water equations
PT differential equations
RT limit cycles
Lyapunov methods
numerical analysis
reaction-diffusion systems
variational techniques
DEU nichtlineare Differentialgleichung
DSY nichtlineare Differenzialgleichung

nonlinear distortion
BT distortion
NT harmonic distortion
intermodulation distortion
PT electric distortion
DEU nichtlineare Verzerrung
DSY nichtlineare Verformung

nonlinear dynamical systems
BT nonlinear systems
RT bifurcation
cellular automata
chaos
econophysics
lattice theory
pattern formation
predator-prey systems
reaction-diffusion systems
self-organised criticality
spatiotemporal phenomena
DEU nichtlineares dynamisches System

nonlinear equations
BT equations
NT nonlinear differential equations
RT nonlinear functions
numerical analysis
solitons
DEU nichtlineare Gleichung

nonlinear estimation
BT estimation theory
PT estimation theory
RT filtering theory
nonlinear systems
parameter estimation
signal processing
state estimation
DEU nichtlineare Schätzung

nonlinear field theory
BT quantum field theory
NT phi4 field theory
sine-Gordon model
Thirring model
PT quantum field theory
RT conformal field theory
skyrmions
solitons
DEU nichtlineare Feldtheorie

nonlinear filters
BT filters
NT median filters
UF *extended Kalman filters / Kalman filters + nonlinear filters*
SY *order statistic filters*
UF *unscented Kalman filters / Kalman filters + nonlinear filters*
SY *Volterra filters*
RT adaptive filters
biquadratic filters
filtering theory
nonlinear network analysis
nonlinear network synthesis
stack filters
DEU nichtlineares Filter

nonlinear functions
BT functions
RT nonlinear equations
DEU nichtlineare Funktion

nonlinear media
RT electromagnetic wave propagation
nonlinear optics
optical waveguide theory
DEU nichtlineares Medium

nonlinear network analysis
BT network analysis
RT Chua's circuit
ferroresonant circuits
lumped parameter networks
nonlinear filters

nonlinear network synthesis
Volterra series
DEU nichtlineare Netzwerkanalyse

nonlinear network synthesis
BT network synthesis
RT chaos generators
Chua's circuit
linearisation techniques
lumped parameter networks
nonlinear filters
nonlinear network analysis
DEU nichtlineare Netzwerksynthese

nonlinear optical susceptibility
BT nonlinear optics
optical susceptibility
SY *second-order optical susceptibility*
third-order optical susceptibility
PT nonlinear optics
DEU nichtlineare optische Suszeptibilität

nonlinear optics
BT optics
NT multiwave mixing
nonlinear optical susceptibility
optical coherent transients
optical frequency conversion
optical hole burning
optical phase conjugation
optical phase matching
optical saturation
optical self-focusing
optical solitons
optical wavelength conversion
self-induced transparency
self-phase modulation
slow light
stimulated scattering
supercontinuum generation
thermal blooming
RT electro-optical effects
nonlinear media
optical bistability
optical chaos
optical limiters
optical parametric devices
optical tuning
pattern formation
photonic crystals
photorefractive effect
quantum beat spectra
Raman spectroscopy
thermal lensing
DEU nichtlineare Optik

nonlinear programming
BT mathematical programming
NT convex programming
quadratic programming
RT constraint theory
modelling
DEU nichtlineare Programmierung

nonlinear symmetries
BT elementary particle symmetry
DEU nichtlineare Symmetrie

nonlinear systems
NT bilinear systems
nonlinear control systems
nonlinear dynamical systems
UF *inverted pendulums / nonlinear systems + pendulums*
RT bang-bang control
control nonlinearities
control theory
describing functions
linear systems
memoryless systems
nonlinear estimation
on-off control
relay control
Volterra series
DEU nichtlineares System

nonlinear waves (plasma)
USE plasma nonlinear waves

nonlinearities of control systems
USE control nonlinearities

nonmetals
USE non-metals

nonmonotonic reasoning
BT inference mechanisms
SY *autoepistemic reasoning*
circumscription
default reasoning
defeasible reasoning
PT inference mechanisms
DEU nichtmonotones Schlussfolgern

Nonophotonik
DEU for nanophotonics

nonparametric statistics
BT statistics
PT statistics
DEU nichtparametrische Statistik

nonprofit organisations
SY *charitable organisations*
charities
not-for-profit organisations
DEU Nonprofitorganisation

Nonprofitorganisation
DEU for nonprofit organisations

nonradiative dielectric waveguides
BT dielectric waveguides
SY *NRD waveguides*
PT dielectric waveguides
RT microwave filters
waveguide antennas
DEU nicht strahlender dielektrischer Wellenleiter
DSY nichtradiativer dielektrischer Wellenleiter
nichtstrahlender dielektrischer Wellenleiter

nonradiative transitions
BT spectra (general)
SY *internal conversion in molecules*
intersystem crossing
molecular internal conversion
molecular intersystem crossing
radiationless transitions
PT fluorescence
luminescence
DEU nichtstrahlender Übergang

nonstoichiometry
USE stoichiometry

nonvolatile RAM
USE random-access storage

NOR circuits
BT logic circuits
DEU NOR-Glied

NOR gates
USE logic gates

NOR-Glied
DEU for NOR circuits

norators
USE active networks

Nordlicht
DEU for zodiacal light

Norm
DEU for standards

normal distribution
BT statistical distributions
RT random processes
statistical analysis
statistics
DEU Normalverteilung

Normalglühen
DEU for normalising

normalising
BT heat treatment
SY *normalizing*
PT heat treatment of alloys
heat treatment
DEU Normalglühen

normalizing
USE normalising

Normalmaß
DUS für gauges

Normalverteilung
DEU for normal distribution

Normung
DEU for standardisation

NOT gates
USE logic gates

not-for-profit organisations
USE nonprofit organisations

Notbeleuchtung
DEU for emergency lighting

notch brittleness
USE brittle fracture
\+ brittleness
\+ notch strength

notch ductility
USE ductile fracture
\+ ductility
\+ notch strength

notch filters
BT band-stop filters
PT filters
RT band-pass filters
tracking filters
DEU Saugfilter

notch sensitivity
USE notch strength

notch strength
BT mechanical strength
UF *notch brittleness / brittle fracture + brittleness + notch strength*
UF *notch ductility / ductile fracture + ductility + notch strength*
SY *notch sensitivity*
PT fracture
impact (mechanical)
mechanical strength
RT fracture toughness
impact strength
notch testing
DEU Kerbfestigkeit

notch testing
BT materials testing
mechanical testing
PT materials testing
mechanical testing
RT fracture toughness testing
notch strength
DEU Kerbprüfung
DSY Kerbtest

Notdienst
DUS für emergency services

Notebook (Computer)
DEU for notebook computers

Notebook (Rechner)
DUS für notebook computers

notebook computers
BT portable computers
NT smart phones
SY *handheld computers*
palmtop computers
PDA
pen computers
personal digital assistants
pocket computers
tablet computers
PT portable computers
RT Android (operating system)
Bring Your Own Device
iOS (operating system)
laptop computers
DEU Notebook (Computer)
DSY Notebook (Rechner)

Notfalldienst
DUS für emergency services

Notfallmanagement
DUS für emergency management

Notlagenmanagement
DUS für emergency management

Notrufdienst
DUS für emergency services

Notservice
DUS für emergency services

Notstandsmanagement
DUS für emergency management

Notstromanlage
DEU for emergency power supply

Notstromversorgung
DUS für emergency power supply

Notstromversorgungsanlage
DEU for standby power supply

Nova
DEU for novae

nova model
BT elementary particle theory
PT elementary particle theory
DEU Neues Modell

nova-like variables
USE cataclysmic binary stars

novae
BT cataclysmic binary stars
SY *CP Pup stars*
UF *eruptive symbiotic stars / novae + symbiotic stars*
UF *RR Tel stars / novae + symbiotic stars*
UF *symbiotic novae / novae + symbiotic stars*
UF *ultraslow novae / novae + symbiotic stars*
UF *X-ray novae / cataclysmic binary stars + novae + X-ray binary stars*
RT dwarf novae
symbiotic stars
DEU Nova

NOW
USE workstation clusters

nozzles
PT jets
RT jets
orifices (mechanical)
wakes
DEU Düse

Np (chemical element)
USE neptunium
DEU Np (chemisches Element)

Np (chemisches Element)
DEU for Np (chemical element)

NP-complete problems
USE computational complexity
\+ optimisation

NP-hard problems
USE computational complexity
\+ optimisation

NQR
USE nuclear quadrupole resonance

Nr variables
USE cataclysmic binary stars
\+ giant stars
\+ symbiotic stars
\+ variable stars

NRD waveguides
USE nonradiative dielectric waveguides

NSOM
USE near-field scanning optical microscopy

Nubus
USE system buses

nuclear acoustic resonance
USE acoustic nuclear magnetic resonance

nuclear alignment
USE nuclear polarisation

nuclear binding energy
BT binding energy
nuclear structure
PT binding energy
nuclear forces
RT delayed neutrons
delayed protons
nuclear forces
nucleus
DEU atomare Bindungsenergie
DSY Atombindungsenergie
Kernbindungsenergie
nukleare Bindungsenergie

nuclear bombardment targets
BT nuclear physics
NT polarised targets
RT nuclear reactions and scattering
DEU Atombombenziel
DSY nukleares Bombenziel
Ziel nuklearen Bombardements

nuclear branching ratios
BT nuclear energy level transitions
PT nuclear branching and mixing ratios
DEU atomares Teilungsverhältnis
DSY Atomteilungsverhältnis
Kernteilungsverhältnis
nukleares Teilungsverhältnis

nuclear cascades
BT nuclear energy level transitions
PT nuclear energy level transitions
RT gamma-ray spectra
nuclear energy levels
DEU atomare Kaskade
DSY Nuklearkaskade

nuclear charge
BT nuclear structure
RT Dirac form factors
electromagnetic form factors
form factors (nuclear)
nuclear isospin
nucleus
Pauli form factors
DEU Atomladung
DSY Kernladung

nuclear chemical analysis
BT chemical analysis
NT neutron activation analysis
SY *activation analysis*
chemical analysis by nuclear reactions and scattering
UF *elastic recoil detection analysis / ion microprobe analysis + nuclear chemical analysis + Rutherford backscattering*
UF *ERDA / ion microprobe analysis + nuclear chemical analysis + Rutherford backscattering*
SY *PESA*
proton elastic scattering analysis

PT chemical analysis by nuclear reactions and scattering
RT nuclear chemistry
radioactive chemical analysis
DEU atomchemische Analyse
DSY atomchemische Untersuchung
nuclear-chemische Analyse
nuclear-chemische Untersuchung

nuclear chemistrie
DEU Kernchemie

nuclear chemistry
BT physical chemistry
NT chemical effects of nuclear reactions and scattering
radiochemistry
Schwarz-Hora effect
PT radiochemistry
RT nuclear chemical analysis
radiation chemistry
DEU Atomchemie
DSY Kernphysik

nuclear cluster model
BT nuclear models
SY *alpha-particle model*
cluster model (nuclear)
PT nuclear models
DEU atomares Clustermodell
DSY Atomclustermodell
Kernclustermodell
nukleares Clustermodell

nuclear collective model
BT nuclear models
NT generator coordinate method
interacting boson approximation
nuclear cranking model
nuclear liquid drop model
quasiparticle-phonon model
SY *nuclear collective motion*
rotor model (nuclear)
PT nuclear models
RT giant resonances
nuclear collective states
DEU atomares Kollektivmodell
DSY Atomkollektivmodell
Kernkollektivmodell
nukleares Kollektivmodell

nuclear collective motion
USE nuclear collective model

nuclear collective states
BT nuclear energy levels
NT high spin states
nuclear rotational states
nuclear superdeformed states
nuclear vibrational states
yrast states
SY *collective states, nuclear*
PT nuclear collective states and giant resonances
RT giant resonances
isobaric analogue states
nuclear collective model
nuclear moment of inertia
nuclear shape
quasiparticle-phonon model
DEU atomarer Kollektivzustand
DSY Atomkollektivzustand
Kernkollektivzustand
nuklearer Kollektivzustand

nuclear coupling, molecular
USE dipole coupling
\+ quadrupole coupling
\+ spin-spin coupling

nuclear cranking model
BT nuclear collective model
SY *cranking model*
PT cranking model
DEU atomares Verschränkungsmodell
DSY Atomverschränkungsmodell
Kernverschränkungsmodell
nukleares Verschränkungsmodell

nuclear criticality safety
BT safety
RT fission reactor fuel
radioactive waste
radioactive waste disposal
radioactive waste processing
radioactive waste storage
DEU atomare kritische Sicherheit
DSY nukleare kritische Sicherheit

nuclear decay
USE radioactivity

nuclear decay by heavy ion emission
BT radioactive decay schemes
SY *heavy ion emission decay*
PT radioactive decay schemes
RT nuclear decay theory
DEU atomarer Zerfall durch Schwerionenemission
DSY Atomkernzerfall durch Schwerionenemission
Kernzerfall durch Schwerionenemission
nuklearer Zerfall durch Schwerionenemission
schwerionenangeregter

Atomzerfall
schwerionenangeregter Kernzerfall

nuclear decay schemes
USE radioactive decay schemes

nuclear decay theory
BT nuclear physics
NT alpha-decay theory
beta-decay theory
SY *decay theory (nuclear)*
RT alpha-particle spectra
gamma-ray spectra
nuclear decay by heavy ion emission
radioactive decay schemes
DEU atomare Zerfallstheorie
DSY Atomkernzerfallstheorie
Atomzerfallstheorie
nukleare Zerfallstheorie
radioaktiver Zerfall

nuclear deformation
USE deformed nuclei
+ nuclear shape

nuclear density
BT nuclear structure
NT nuclear halos
SY *bubble nuclei*
PT nuclear structure
RT nuclear forces
nuclear shape
DEU Atomdichte
DSY Atomkerndichte
Kerndichte

nuclear electric moment
BT electric moments
nuclear moments
SY *nuclear quadrupole moments*
RT quadrupole moments
DEU atomares elektrisches Moment
DSY nukleares elektrisches Moment

nuclear electric shielding
USE nuclear screening

nuclear electromagnetic pulse
USE electromagnetic pulse

nuclear electromagnetic transitions
USE nuclear energy level transitions

nuclear electron capture
BT beta-decay
SY *electron capture, nuclear*
K-capture
RT beta-decay theory
electron-nucleus reactions
electrons
DEU atomarer Elektroneneinfang
DSY nuklearer Elektroneneinfang

nuclear electronics
SY *high energy physics electronics*
RT high energy physics
instrumentation computing
nuclear instrumentation
pulse circuits
readout electronics
DEU atomare Elektronik
DSY Kernelektronik
nukleare Elektronik

nuclear emulsions
USE nuclear track emulsions

nuclear energy
USE nuclear power

nuclear energy level lifetimes
BT nuclear energy level transitions
NT nuclear transition probabilities
PT nuclear energy level transitions
DEU Kernenergieniveaulebensdauer
DSY Kernenergieniveaulebenszeit
Lebensdauer des Kernenergieniveaus
Lebenszeit des Kernenergieniveaus

nuclear energy level transitions
BT nuclear structure
NT internal conversion
Mossbauer effect
nuclear branching ratios
nuclear cascades
nuclear energy level lifetimes
nuclear mixing ratios
SY *energy level transitions, nuclear*
gamma decay
nuclear electromagnetic transitions
UF *radiative decays / electromagnetic decays + nuclear energy level transitions*
RT gamma-ray angular distribution
gamma-ray polarisation
gamma-ray spectra
nuclear energy levels
nuclear transition probabilities
DEU atomarer Energieniveauübergang
DSY Atomenergieniveauübergang
Kernenergieniveauübergang
nuklearer Energieniveauübergang

nuclear energy levels
BT energy states
nuclear structure
NT isobaric analogue states
nuclear collective states
nuclear resonances
SY *energy levels, nuclear*
RT nuclear cascades
nuclear energy level transitions
nuclear isomerism
nuclear shape
nuclear spectroscopic factors
radioactive decay schemes
DEU atomares Energieniveau
DSY Atomenergieniveau
Atomkernenergieniveau
Kernenergieniveau
nukleares Energieniveau

nuclear engineering
BT engineering
NT nuclear engineering computing
PT nuclear power
RT fission reactor operation
fission reactors
fusion reactor operation
fusion reactors
nuclear power
test facilities
DEU atomare Technik
DSY Atomenergietechnik
Atomtechnik
Kernenergietechnik
Kerntechnik
nukleare Technik

nuclear engineering computing
BT engineering computing
nuclear engineering
PT engineering applications of computers
RT computerised control
computerised instrumentation
fission reactor design
fission reactor theory
DEU Computeranwendung in der Atomenergietechnik
DSY Computeranwendung in der Atomtechnik
Computeranwendung in der Kernenergietechnik
Computeranwendung in der Kerntechnik
kernenergetische Computeranwendung
kernenergetische Rechneranwendung
kerntechnische Computeranwendung
kerntechnische Rechneranwendung
Rechneranwendung in der Atomenergietechnik
Rechneranwendung in der Atomtechnik
Rechneranwendung in der Kernenergietechnik
Rechneranwendung in der Kerntechnik

nuclear exciton model
BT statistical models (nuclear)
SY *exciton model (nuclear)*
PT statistical theory of nuclear reactions and scattering
DEU atomares Anregungsmodell
DSY atomares Exziton-Modell
nukleares Anregungsmodell
nukleares Exziton-Modell

nuclear explosions
BT explosions
nuclear physics
SY *atomic explosions*
UF *nuclear winter / geophysical catastrophes + nuclear explosions*
RT explosion protection
weapons
DEU atomare Explosion
DSY Atomexplosion
Kernexplosion
nukleare Explosion

nuclear facility decommissioning
NT fission reactor decommissioning
fusion reactor decommissioning
SY *decommissioning (nuclear facilities)*
RT contaminated site remediation facilities
nuclear facility regulation
nuclear fuel cycle facilities
radiation decontamination
DEU Atomanlagenaußerbetriebnahme
DSY Atomkraftwerksaußerbetriebssetzung
Atomkraftwerksstilllegung
Außerbetriebnahme nuklearer Anlagen
Kernanlagenaußerbetriebnahme
Kernkraftwerksstilllegung
Kernreaktoraußerbetriebsetzung

nuclear facility licensing
USE nuclear facility regulation

nuclear facility regulation
SY *licensing (nuclear facilities)*
nuclear facility licensing
RT facilities
fission reactor fuel reprocessing
fission reactor operation
legislation
nuclear facility decommissioning
nuclear fuel cycle facilities
nuclear materials packaging
nuclear materials transportation
nuclear power stations
radioactive waste
DEU Atomanlagenregulierung
DSY Kernanlagenregulierung

nuclear field theory
BT nuclear models
PT nuclear models
nuclear structure theory
RT nuclear structure theory
DEU Atomfeldtheorie
DSY Kernfeldtheorie
nukleare Feldtheorie

nuclear fission
USE fission

nuclear fission of plutonium
USE fission of plutonium

nuclear fission of uranium
USE fission of uranium

nuclear fission piles
USE fission reactors

nuclear fission products
USE fission products

nuclear fission reactors
BT nuclear reactors
DEU Atomspaltreaktor
DSY Fissionsreaktor
Kernspaltreaktor

nuclear forces
BT nuclear structure
SY *exchange forces in nucleus*
Majorana forces
Skyrme force
UF *Yukawa potential / meson field theory + nuclear forces*
RT meson field theory
nuclear binding energy
nuclear density
nucleons
nucleus
DEU nukleare Kraft

nuclear fragmentation
BT nuclear reactions and scattering
RT direct reactions
DEU Atomkernzerlegung
DSY Atomkernzertrümmerung

nuclear fuel cycle facilities
BT facilities
PT fission reactor fuel preparation and reprocessing
RT fission reactor fuel preparation
fission reactor fuel reprocessing
nuclear facility decommissioning
nuclear facility regulation
DEU atomare Wiederaufbereitungsanlage
DSY Aufbereitungsanlage (Kernbrennstoff)
Brennstoffaufbereitungsanlage (Kerntechnik)
Brennstoffwiederaufbereitungsanlag e (Kerntechnik)
Kernbrennstoffwiederaufbereitungsa nlage
nukleare Wiederaufbereitungsanlag e
Plutoniumwiederaufbereitunganlage
Wiederaufbereitungsanlage (Kernbrennstoff)

nuclear fusion
BT nuclear reactions and scattering
NT cold fusion
heavy ion fusion reactions
muon catalysed fusion
SY *fusion, nuclear*
impact fusion
thermonuclear reactions
RT deuteron-nucleus reactions
heavy ion-nucleus reactions
nuclear fusions reactors
nuclear reactions involving few nucleon systems
triton-nucleus reactions
DEU Kernfusion
DSY Kernschmelze

nuclear fusion reactors
USE fusion reactors

nuclear fusions reactors
BT nuclear reactors
NT stellerator devices
Tokamak devices

RT nuclear fusion
DEU Kernfusionsreaktor
DSY nuklearer Fusionsreaktor

nuclear giant resonances
USE giant resonances

nuclear halos
BT nuclear density
SY *neutron halos*
PT nuclear density
DEU Kernhalo

nuclear induction
USE nuclear magnetic resonance

nuclear instrumentation
BT instrumentation
NT beam handling equipment
counters
nuclear reactor instrumentation
particle detectors
RT angular correlation techniques
counting circuits
nuclear electronics
DEU atomtechnische Instrumentierung
DSY kerntechnische Instrumentierung
nukleare Gerätetechnik
nukleare Instrumentierung
nukleartechnische Instrumentierung

nuclear interactions
USE nuclear reactions and scattering

nuclear internal conversion
USE internal conversion

nuclear isobaric analog resonances
USE isobaric analogue resonances

nuclear isobaric analog states
USE isobaric analogue states

nuclear isobaric analogue resonances
USE isobaric analogue resonances

nuclear isobaric analogue states
USE isobaric analogue states

nuclear isomerism
BT nuclear structure
SY *isomeric nuclei*
isomerism, nuclear
RT nuclear energy levels
nucleus
DEU Kernisomerismus

nuclear isospin
BT nuclear structure
PT nuclear spin and parity
RT isotopic spin (elementary particles)
nuclear charge
nuclear spin
DEU Kernisospin

nuclear liquid drop model
BT nuclear collective model
SY *drop model (nuclear)*
droplet model (nuclear)
liquid drop model (nuclear)
PT nuclear models
DEU Kernflüssigkeitstropfenmodell

nuclear magnetic acoustic resonance
USE acoustic nuclear magnetic resonance

nuclear magnetic moment
BT magnetic moments
nuclear moments
RT g-factor
gyromagnetic ratio
DEU nklearmagnetisches Moment

nuclear magnetic resonance
BT magnetic resonance
NT acoustic nuclear magnetic resonance
biological NMR
biomedical NMR
double nuclear magnetic resonance
Knight shift
magic angle spinning
NMR imaging
NMR line breadth
NMR spectrometers
NMR spectroscopy
nuclear quadrupole resonance
proton magnetic resonance
spin echo (NMR)
SY *DANTE*
INADEQUATE
INEPT
UF *molecular rotation in solids / molecular reorientation + nuclear magnetic resonance + plastic crystals*
SY *NMR*
NMR spectra
nuclear induction
UF *rotator phase in solids / nuclear magnetic resonance + plastic crystals*

RT chemical shift
Jahn-Teller effect
nuclear magnetism
nuclear spin-lattice relaxation
plastic crystals
quadrupole interactions
radiofrequency spectra
spin-spin relaxation
DEU magnetische Kernresonanz
DSY nuklearmagnetische Resonanz

nuclear magnetic resonance imaging
USE NMR imaging

nuclear magnetic resonance imaging (biomedical)
USE biomedical MRI

nuclear magnetic resonance spectrometers
USE NMR spectrometers

nuclear magnetic resonance spectroscopy
USE NMR spectroscopy

nuclear magnetic shielding
USE nuclear screening

nuclear magnetism
BT magnetism
RT nuclear magnetic resonance
nuclear polarisation
DEU Atommagnetismus
DSY Kernmagnetismus
nuklearer Magnetismus

nuclear mass
BT mass
PT nuclear structure
RT atomic mass
nucleus
DEU Atomkernmasse
DSY Atommasse
nukleare Masse

nuclear materials packaging
RT fission reactor fuel
nuclear facility regulation
radiation protection
radioactive waste
radioactive waste disposal
radioactive waste storage
radioisotopes
safety
shielding
DEU Kernmaterialverpackung

nuclear materials safeguards
BT fission reactor fuel
SY *safeguards (nuclear)*
PT safety
RT fission reactor fuel preparation
fission reactor fuel reprocessing
inspection
national security
radioactive waste
safety
DEU Kernbrennstoffsicherheit
DSY Nuklearwerkstoffsicherheit

nuclear materials transportation
BT transportation
PT transportation
RT fission reactor fuel
nuclear facility regulation
radiation protection
radioactive waste
radioisotopes
safety
DEU Kernmaterialtransport

nuclear matter
BT nuclear structure
NT quark matter
quark-gluon plasma
SY *neutron matter*
PT nuclear theory
RT nuclear phase transformations
nuclear thermodynamics
DEU atomare Materie
DSY Atommaterie
Kernmaterie

nuclear medicine
USE radioisotope imaging

nuclear medicine (treatment)
USE radiation therapy

nuclear mixing ratios
BT nuclear energy level transitions
PT nuclear branching and mixing ratios
DEU Kernmischungsratio

nuclear models
BT nuclear structure theory
NT nuclear cluster model
nuclear collective model
nuclear field theory
nuclear shell model
nuclear superfluid model
particle-hole model
RT nucleus
scission point model

Thomas-Fermi model
DEU Atommodell
DSY Kernmodell

nuclear moment of inertia
BT nuclear moments
PT nuclear moments
RT nuclear collective states
nuclear spin
DEU Kernimpuls der Zündung

nuclear moments
BT nuclear structure
NT nuclear electric moment
nuclear magnetic moment
nuclear moment of inertia
DEU nukleares Moment

nuclear muon capture
USE muon capture

nuclear optical model
BT nuclear reaction theory
UF *independent particle model / nuclear optical model* + *nuclear shell model*
SY *optical model (nuclear)*
PT nuclear models
DEU kernoptisches Model

nuclear orientation
USE nuclear polarisation

nuclear Overhauser effect
BT INDOR
PT Overhauser effect
RT Overhauser effect
DEU atomarer Overhauser-Effekt
DSY nuklearer Overhauser-Effekt

nuclear parity
BT nuclear structure
parity
PT nuclear spin and parity
RT nuclear spin
nucleus
DEU Kernparität
DSY nukleare Paarigkeit

nuclear particle track visualisation
USE particle track visualisation

nuclear phase transformations
BT nuclear physics
SY *nuclear phase transitions*
phase transformations, nuclear
phase transitions, nuclear
RT heavy ion-nucleus reactions
nuclear matter
nuclear thermodynamics
quark-gluon plasma
DEU Atomphasentransformation
DSY Kernphasentransformation
nukleare Phasentransformation

nuclear phase transitions
USE nuclear phase transformations

nuclear photoeffect
USE photon-nucleus reactions

nuclear physics
BT physics
NT fission
nuclear bombardment targets
nuclear decay theory
nuclear explosions
nuclear phase transformations
nuclear reactions and scattering
nuclear structure
nuclear thermodynamics
radioactivity
RT fission reactors
nucleus
DEU Atomphysik
DSY Kernphysik
Nuklearphysik

nuclear polarisation
BT nuclear structure
polarisation
SY *nuclear alignment*
nuclear orientation
nuclear polarization
RT dynamic nuclear polarisation
magnetic double resonance
nuclear magnetism
nucleus
polarisation in nuclear reactions and scattering
DEU Atomkern-Polarisation
DSY Kern-Polarisation
nukleare Polarisierung

nuclear polarisation in solids
DEU Kernpolarisation in Festkörpern

nuclear polarization
USE nuclear polarisation

nuclear power
BT energy resources
SY *atomic energy*
atomic power
nuclear energy
RT nuclear engineering

nuclear power stations
radioisotope thermoelectric generators
DEU Atomstrom
DSY Kernenergie

nuclear power stations
BT power stations
RT boilers
fission reactor operation
fission reactors
gas cooled reactors
heat exchangers
heavy water reactors
light water reactors
liquid metal fast breeder reactors
nuclear facility regulation
nuclear power
nuclear reactor steam generators
DEU Atomkraftwerk
DSY Kernkraftwerk

nuclear pumped lasers
BT lasers
PT lasers
DEU nuklear gepumpter Laser

nuclear quadrupole moments
USE nuclear electric moment

nuclear quadrupole resonance
BT nuclear magnetic resonance
UF *DNQR / double nuclear magnetic resonance + nuclear quadrupole resonance*
UF *double nuclear quadrupole resonance / double nuclear magnetic resonance + nuclear quadrupole resonance*
UF *DQRLC / energy level crossing + magnetic double resonance + nuclear quadrupole resonance*
SY *NQR*
RT quadrupole interactions
quadrupole moments
DEU Kernquadrupolresonanz

nuclear radius
USE nuclear size

nuclear reaction theory
BT nuclear reactions and scattering
NT DWBA
nuclear optical model
scission point model
statistical models (nuclear)
SY *nuclear scattering theory*
PT nuclear reaction and scattering theory
RT Legendre polynomials
nuclear structure theory
DEU Atomkernreaktionstheorie
DSY Kernreaktionstheorie

nuclear reactions and scattering
BT nuclear physics
NT alpha particle-nucleus reactions
alpha particle-nucleus scattering
deep inelastic scattering
deuteron-nucleus reactions
deuteron-nucleus scattering
direct reactions
form factors (nuclear)
hadron-nucleus reactions
hadron-nucleus scattering
heavy ion-nucleus reactions
heavy ion-nucleus scattering
helium 3-nucleus reactions
helium 3-nucleus scattering
lepton-nucleus reactions
lepton-nucleus scattering
nuclear fragmentation
nuclear fusion
nuclear reaction theory
nuclear reactions and scattering due to alpha-particles
nuclear reactions and scattering due to deuterons
nuclear reactions and scattering due to electrons
nuclear reactions and scattering due to helium-3
nuclear reactions and scattering due to hyperons
nuclear reactions and scattering due to mesons
nuclear reactions and scattering due to muons
nuclear reactions and scattering due to neutrinos
nuclear reactions and scattering due to neutrons
nuclear reactions and scattering due to nuclei of Z greater-than 2
nuclear reactions and scattering due to nucleons
nuclear reactions and scattering due to photons
nuclear reactions and scattering due to protons
nuclear reactions and scattering due to tritons
nuclear reactions and scattering involving few nucleon systems
nuclear reactions involving few nucleon systems

nuclear resonance reactions
nuclear resonance scattering
nuclear scattering involving few nucleon systems
nuclear spallation
nucleosynthesis
photon-nucleus reactions
photon-nucleus scattering
polarisation in nuclear reactions and scattering
triton-nucleus reactions
triton-nucleus scattering
SY *capture cross-sections, nuclear*
cross-sections (nuclear)
high-energy nuclear reactions and scattering
nuclear interactions
nuclear scattering
reactions (nuclear)
RT collision processes
cosmic ray interactions
fission
nuclear bombardment targets
nuclear spectroscopic factors
nuclear structure
DEU Kernreaktion und Streuung

nuclear reactions and scattering due to alpha-particles
BT nuclear reactions and scattering
DEU Kernreaktion und Streuung durch Alphapartikel
DSY Kernreaktion und Streuung durch Alphateilchen

nuclear reactions and scattering due to cosmic rays
DEU Kernreaktion und Streuung durch kosmische Strahlung

nuclear reactions and scattering due to deuterons
BT nuclear reactions and scattering
DEU Kernreaktion und Streuung durch Deuteronen

nuclear reactions and scattering due to electrons
BT nuclear reactions and scattering
DEU Kernreaktion und Streuung durch Elektronen

nuclear reactions and scattering due to helium-3
BT nuclear reactions and scattering
DEU Kernreaktion und Streuung durch Helium-3

nuclear reactions and scattering due to hyperons
BT nuclear reactions and scattering
DEU Kernreaktion und Streuung durch Hyperonen

nuclear reactions and scattering due to mesons
BT nuclear reactions and scattering
DEU Kernreaktion und Streuung durch Mesonen

nuclear reactions and scattering due to muons
BT nuclear reactions and scattering
DEU Kernreaktion und Streuung durch Muonen

nuclear reactions and scattering due to neutrinos
BT nuclear reactions and scattering
DEU Kernreaktion und Streuung durch Neutrinos

nuclear reactions and scattering due to neutrons
BT nuclear reactions and scattering
DEU Kernreaktion und Streuung durch Neutronen

nuclear reactions and scattering due to nuclei of Z greater-than 2
BT nuclear reactions and scattering
DEU Kernreaktion und Streuung durch Atomkerne mit Massezahl größer 2

nuclear reactions and scattering due to nucleons
BT nuclear reactions and scattering
DEU Kernreaktion und Streuung durch Nukleonen

nuclear reactions and scattering due to photons
BT nuclear reactions and scattering
DEU Kernreaktion und Streuung durch Photonen

nuclear reactions and scattering due to protons
BT nuclear reactions and scattering
DEU Kernreaktion und Streuung durch Protonen

nuclear reactions and scattering due to tritons
BT nuclear reactions and scattering
DEU Kernreaktion und Streuung durch Tritonen

nuclear reactions and scattering involving few nucleon systems
BT nuclear reactions and scattering
DEU Kernreaktion und Streuung durch einige Nukleonsysteme

nuclear reactions involving few nucleon systems
BT nuclear reactions and scattering
SY *few-nucleon reactions*
PT nuclear reactions and scattering involving few nucleon systems
RT nuclear fusion
nucleon-nucleon interactions
DEU Kernreaktion durch einige Nukleonensysteme

nuclear reactor fuel
USE fission reactor fuel
\+ fusion reactor fuel

nuclear reactor instrumentation
BT nuclear instrumentation
NT fission reactor instrumentation
fusion reactor instrumentation
PT nuclear instrumentation
DEU Atomreaktorausstattung
DSY Atomreaktorinstrumentierung
Kernreaktorausstattung
Kernreaktorinstrumentierung

nuclear reactor maintenance
BT maintenance engineering
PT maintenance engineering
RT fission reactor operation
fission reactor safety
fusion reactor operation
fusion reactor safety
remote handling
DEU Kernreaktorinstandhaltung
DSY Kernreaktorunterhaltung

nuclear reactor materials
USE fission reactor materials
\+ fusion reactor materials

nuclear reactor operation
USE fission reactor operation
\+ fusion reactor operation

nuclear reactor quality assurance
BT quality assurance
RT fission reactor safety
fusion reactor safety
DEU Atomreaktorqualitätssicherung
DSY Kernreaktorqualitätssicherung

nuclear reactor steam generators
BT boilers
PT boilers
RT fission reactor cooling
nuclear power stations
DEU Atomreaktordampfgenerator
DSY Kernreaktordampfgenerator

nuclear reactors
NT nuclear fission reactors
nuclear fusions reactors
UF *atomic reactors / fission reactors + nuclear reactors*
RT fission reactor decommissioning
fission reactors
fission research reactors
pressure vessels
radioactive waste
DEU Atomreaktor
DSY Kernreaktor

nuclear resonance reactions
BT nuclear reactions and scattering
PT nuclear resonance reactions and scattering
RT giant resonances
nuclear resonance scattering
nuclear resonances
DEU Atomkernresonanzreaktion
DSY Atomresonanzreaktion
Kernresonanzreaktion

nuclear resonance scattering
BT nuclear reactions and scattering
PT nuclear resonance reactions and scattering
RT giant resonances
nuclear resonance reactions
nuclear resonances
DEU Atomkernresonanzstreuung
DSY Atomresonanzstreuung
Kernresonanzstreuung

nuclear resonances
BT nuclear energy levels
resonance
NT giant resonances
isobaric analogue resonances
PT nuclear energy levels
RT nuclear resonance reactions
nuclear resonance scattering

nuclear shape
DEU Atomkernresonanz
DSY Atomresonanz
Kernresonanz

nuclear rotational states
BT nuclear collective states
SY *rotational band (nuclear)*
rotational states, nuclear
PT nuclear collective states and giant resonances
RT giant resonances
high spin states
nuclear vibrational states
yrast states
DEU Kernrotationszustand

nuclear scattering
USE nuclear reactions and scattering

nuclear scattering involving few nucleon systems
BT nuclear reactions and scattering
SY *few-nucleon scattering*
PT nuclear reactions and scattering involving few nucleon systems
RT nucleon-nucleon scattering
DEU nukleare Streuung durch einige Nucleon-Systeme

nuclear scattering theory
USE nuclear reaction theory

nuclear screening
SY *chemical shielding*
electric shielding, nuclear
magnetic shielding, nuclear
nuclear electric shielding
nuclear magnetic shielding
screening, nuclear
PT atomic structure
crystal hyperfine field interactions
inorganic molecule electronic structure
molecular electronic structure
organic molecule electronic structure
RT atomic structure
hyperfine interactions
DEU nukleare Untersuchung

nuclear shape
BT nuclear structure
UF *nuclear deformation / deformed nuclei + nuclear shape*
PT nuclear size
RT deformed nuclei
isobaric analogue resonances
nuclear collective states
nuclear density
nuclear energy levels
nuclear resonances
nuclear size
nucleus
DEU nukleare Form

nuclear shell model
BT nuclear models
NT multi-centre shell model
UF *independent particle model / nuclear optical model + nuclear shell model*
SY *Nilsson's model*
shell model (nuclear)
PT nuclear models
RT spin-orbit interactions
DEU atomares Schalenmodell
DSY Atomschalenmodell
Kernschalenmodell
nukleares Schalenmodell
Schalenmodell des Atom

nuclear size
BT nuclear structure
SY *nuclear radius*
RT EMC effect
nuclear shape
nucleus
DEU Atomkerngröße

nuclear spallation
BT nuclear reactions and scattering
SY *spallation (nuclear)*
DEU Atomkernsplitterung
DSY nukleare Zersplitterung

nuclear spectroscopic factors
BT nuclear structure
PT nuclear structure
RT nuclear energy levels
nuclear reactions and scattering
DEU kernspektroskopischer Faktor
DSY nuklearspektroskopischer Fakteo

nuclear spin
BT nuclear structure
spin
PT nuclear spin and parity
RT nuclear isospin
nuclear moment of inertia
nuclear parity
nucleus
DEU Atomkernspin
DSY Atomspin
Kernspin
nuklearer Spin

nuclear spin echo
USE spin echo (NMR)

nuclear spin-lattice relaxation
BT spin-lattice relaxation
UF *T1 relaxation (magnetic resonance) / electron spin-lattice relaxation + nuclear spin-lattice relaxation + spin-lattice relaxation*
PT spin-lattice relaxation
RT nuclear magnetic resonance
DEU nukleare Spin-Gitter-Entspannung

nuclear spin-spin relaxation
USE spin-spin relaxation

nuclear structure
BT nuclear physics
NT EMC effect
form factors (nuclear)
nuclear binding energy
nuclear charge
nuclear density
nuclear energy level transitions
nuclear energy levels
nuclear forces
nuclear isomerism
nuclear isospin
nuclear matter
nuclear moments
nuclear parity
nuclear polarisation
nuclear shape
nuclear size
nuclear spectroscopic factors
nuclear spin
nuclear structure theory
PT nuclear theory
RT nuclear reactions and scattering
radioactivity
DEU Kernstruktur

nuclear structure theory
BT energy states
nuclear structure
NT nuclear models
PT nuclear theory
RT HF calculations
nuclear field theory
nuclear reaction theory
particle-hole model
RPA calculations
skyrmions
Thomas-Fermi model
DEU Atomstrukturtheorie
DSY Kernstrukturtheorie
nukleare Strukturtheorie

nuclear superdeformed states
BT deformed nuclei
nuclear collective states
PT deformed nuclei
DEU Kernsuperdeformationszustand

nuclear superfluid model
BT nuclear models
PT nuclear models
nuclear reaction and scattering theory
DEU Kernsuperfluidmodell

nuclear systems
DEU nukleares System

nuclear theory
DEU nukleare Theorie

nuclear thermodynamics
BT nuclear physics
SY *thermodynamics, nuclear*
RT heavy ion-nucleus reactions
nuclear matter
nuclear phase transformations
DEU nukleare Thermodynamik

nuclear track emulsions
BT emulsions
particle track visualisation
SY *emulsions (nuclear track)*
nuclear emulsions
photographic film detectors
DEU Atomspuremulsion
DSY Kernspuremulsion

nuclear transition probabilities
BT nuclear energy level lifetimes
SY *transition probability, nuclear*
PT nuclear energy level lifetimes
nuclear energy level transitions
RT nuclear energy level transitions
DEU nukleare Übergangswahrscheinlichk eit

nuclear vibrational states
BT nuclear collective states
SY *vibrational band (nuclear)*
vibrational states, nuclear
PT nuclear collective states and giant resonances
RT giant resonances
high spin states
nuclear rotational states
yrast states
DEU Kernvibrationszustand

nuclear winter
USE geophysical catastrophes
\+ nuclear explosions

nuclear-chemische Analyse
DUS für nuclear chemical analysis

nuclear-chemische Untersuchung
DUS für nuclear chemical analysis

nucleate boiling
USE boiling

nucleation
PT crystal growth
RT clouds
condensation
crystal growth
crystallisation
dislocation nucleation
freezing
metal clusters
DEU Keimausbildung

nuclei
USE nucleus

nuclei with 150 less-than, equal or similar to A less-than, equal or similar to 189
USE nuclei with mass number 150 to 189

nuclei with 190 less-than, equal or similar to A less-than, equal or similar to 219
USE nuclei with mass number 190 to 219

nuclei with 20 less-than, equal or similar to A less-than, equal or similar to 38
USE nuclei with mass number 20 to 38

nuclei with 39 less-than, equal or similar to A less-than, equal or similar to 58
USE nuclei with mass number 39 to 58

nuclei with 59 less-than, equal or similar to A less-than, equal or similar to 89
USE nuclei with mass number 59 to 89

nuclei with 6 less-than, equal or similar to A less-than, equal or similar to 19
USE nuclei with mass number 6 to 19

nuclei with 90 less-than, equal or similar to A less-than, equal or similar to 149
USE nuclei with mass number 90 to 149

nuclei with A less-than, equal or similar to 5
USE nuclei with mass number 1 to 5

nuclei with A⩾220
USE nuclei with mass number 220 or higher

nuclei with mass number 1 to 5
BT nucleus
NT alpha-particles
deuterons
tritons
SY *few-nucleon systems*
UF *helium nuclei / nuclei with mass number 1 to 5 + nuclei with mass number 6 to 19*
SY *helium-3 nucleus*
helium-4 nucleus
nuclei with A less-than, equal or similar to 5
PT nuclei with A less-than, equal or similar to 5
RT composite particles
DEU Atomkerne mit einer Massezahl von 1 bis 5

nuclei with mass number 150 to 189
BT nucleus
SY *nuclei with 150 less-than, equal or similar to A less-than, equal or similar to 189*
PT nuclei with 150 less-than, equal or similar to A less-than, equal or similar to 189
DEU Atomkerne mit einer Massezahl von 150 bis 189

nuclei with mass number 190 to 219
BT nucleus
SY *nuclei with 190 less-than, equal or similar to A less-than, equal or similar to 219*
PT nuclei with 190 less-than, equal or similar to A less-than, equal or similar to 219
DEU Atomkerne mit einer Massezahl von 190 bis 219

nuclei with mass number 20 to 38
BT nucleus
SY *nuclei with 20 less-than, equal or similar to A less-than, equal or similar to 38*
PT nuclei with 20 less-than, equal or similar to A less-than, equal or similar to 38
DEU Atomkerne mit einer Massezahl

von 20 bis 38

nuclei with mass number 220 or higher
BT nucleus
NT superheavy nuclei
SY *nuclei with A⩾220*
PT nuclei with A⩾220
DEU Atomkerne mit einer Massezahl von 220 oder höher

nuclei with mass number 39 to 58
BT nucleus
SY *nuclei with 39 less-than, equal or similar to A less-than, equal or similar to 58*
PT nuclei with 39 less-than, equal or similar to A less-than, equal or similar to 58
DEU Atomkerne mit einer Massezahl von 39 bis 58

nuclei with mass number 59 to 89
BT nucleus
SY *nuclei with 59 less-than, equal or similar to A less-than, equal or similar to 89*
PT nuclei with 59 less-than, equal or similar to A less-than, equal or similar to 89
DEU Atomkerne mit einer Massezahl von 59 bis 89

nuclei with mass number 6 to 19
BT nucleus
UF *helium nuclei / nuclei with mass number 1 to 5 + nuclei with mass number 6 to 19*
SY *nuclei with 6 less-than, equal or similar to A less-than, equal or similar to 19*
PT nuclei with 6 less-than, equal or similar to A less-than, equal or similar to 19
DEU Atomkerne mit einer Massezahl von 6 bis 19

nuclei with mass number 90 to 149
BT nucleus
SY *nuclei with 90 less-than, equal or similar to A less-than, equal or similar to 149*
PT nuclei with 90 less-than, equal or similar to A less-than, equal or similar to 149
DEU Atomkerne mit einer Massezahl von 90 bis 149

nucleic acids
USE macromolecules

nucleon electric moment
BT baryon electric moment
NT neutron electric moment
proton electric moment
PT electric moments
RT nucleons
DEU Nukleon-Elektroimpuls
DSY Nukleon-Elektromoment

nucleon interactions
USE nucleon-nucleon interactions
\+ nucleon-nucleus reactions

nucleon magnetic moment
BT baryon magnetic moment
NT neutron magnetic moment
proton magnetic moment
PT magnetic moments
RT nucleons
DEU atommagnetisches Moment
DSY kernmagnetisches Moment
nuklearmagnetisches Moment

nucleon reactions
USE nucleon-nucleus reactions

nucleon scattering
USE nucleon-nucleon scattering
\+ nucleon-nucleus scattering

Nucleon-Atomkern-Reaktion
DEU for nucleon-nucleus reactions

nucleon-nucleon interactions
BT baryon-baryon interactions
NT neutron-neutron interactions
proton-nucleon interactions
UF *neutron interactions / neutron-deuteron interactions + neutron-nucleus reactions + nucleon-nucleon interactions*
UF *nucleon interactions / nucleon-nucleon interactions + nucleon-nucleus reactions*
RT neutron-nucleus reactions
nuclear reactions involving few nucleon systems
nucleon-nucleon scattering
nucleon-nucleus reactions
DEU Nukleon-Nukleon-Wechselwirkung

nucleon-nucleon scattering
BT baryon-baryon scattering
NT neutron-neutron scattering
proton-nucleon scattering

UF *neutron scattering / neutron diffraction + neutron-deuteron scattering + neutron-nucleus scattering + nucleon-nucleon scattering*
UF *nucleon scattering / nucleon-nucleon scattering + nucleon-nucleus scattering*
RT neutron-nucleus scattering
nuclear scattering involving few nucleon systems
nucleon-nucleon interactions
nucleon-nucleus scattering
DEU Nucleonen-Atomkern-Streuung

nucleon-nucleus reactions
BT hadron-nucleus reactions
NT neutron-nucleus reactions
proton-nucleus reactions
UF *nucleon interactions / nucleon-nucleon interactions + nucleon-nucleus reactions*
SY *nucleon reactions*
PT nuclear reactions and scattering due to nucleons
RT nucleon-nucleon interactions
DEU Nucleon-Atomkern-Reaktion

nucleon-nucleus scattering
BT hadron-nucleus scattering
NT neutron-nucleus scattering
proton-nucleus scattering
UF *nucleon scattering / nucleon-nucleon scattering + nucleon-nucleus scattering*
PT nuclear reactions and scattering due to nucleons
RT nucleon-nucleon scattering
DEU Nukleon-Atomkern-Streuung

Nucleonen-Atomkern-Streuung
DEU for nucleon-nucleon scattering

nucleons
BT baryons
NT neutrons
protons
SY *antinucleons*
UF *cosmic ray nucleons / cosmic ray composition + nucleons*
RT EMC effect
nuclear forces
nucleon electric moment
nucleon magnetic moment
DEU Nukleon

nucleosynthesis
BT nuclear reactions and scattering
SY *element origin*
origin of elements
PT nuclear reactions and scattering
stellar internal processes
RT cosmology
heavy ion-nucleus reactions
stellar internal processes
superheavy nuclei
DEU Atomkernsynthese
DSY Kernsynthese

nucleus
NT deformed nuclei
hypernuclei
nuclei with mass number 1 to 5
nuclei with mass number 150 to 189
nuclei with mass number 190 to 219
nuclei with mass number 20 to 38
nuclei with mass number 220 or higher
nuclei with mass number 39 to 58
nuclei with mass number 59 to 89
nuclei with mass number 6 to 19
nuclei with mass number 90 to 149
SY *nuclei*
RT atoms
gyromagnetic ratio
nuclear binding energy
nuclear charge
nuclear forces
nuclear isomerism
nuclear mass
nuclear models
nuclear parity
nuclear physics
nuclear polarisation
nuclear shape
nuclear size
nuclear spin
DEU Atomkern
DSY Nukleus

nuklear gepumpter Laser
DEU for nuclear pumped lasers

nukleare Bindungsenergie
DUS für nuclear binding energy

nukleare Elektronendoppelresonanz
DUS für ENDOR (electron nuclear double resonance)

nukleare Elektronendoppelresonanz (ENDOR)
DUS für ENDOR (electron nuclear double resonance)

nukleare Elektronik
DUS für nuclear electronics

nukleare Explosion
DUS für nuclear explosions

nukleare Feldtheorie
DUS für nuclear field theory

nukleare Form
DEU for nuclear shape

nukleare Gerätetechnik
DUS für nuclear instrumentation

nukleare Instrumentierung
DUS für nuclear instrumentation

nukleare Kraft
DUS für atomic forces

nukleare Kraft
DEU for nuclear forces

nukleare kritische Sicherheit
DUS für nuclear criticality safety

nukleare Masse
DUS für nuclear mass

nukleare Paarigkeit
DUS für nuclear parity

nukleare Phasentransformation
DUS für nuclear phase transformations

nukleare Polarisierung
DUS für nuclear polarisation

nukleare Spin-Gitter-Entspannung
DEU for nuclear spin-lattice relaxation

nukleare Strahlung
DUS für atomic beams

nukleare Streuung durch einige Nucleon-Systeme
DEU for nuclear scattering involving few nucleon systems

nukleare Strukturtheorie
DUS für nuclear structure theory

nukleare Technik
DUS für nuclear engineering

nukleare Theorie
DEU for nuclear theory

nukleare Thermodynamik
DEU for nuclear thermodynamics

nukleare Übergangswahrscheinlichkeit
DEU for nuclear transition probabilities

nukleare Untersuchung
DEU for nuclear screening

nukleare Wiederaufbereitungsanlage
DUS für nuclear fuel cycle facilities

nukleare Zerfallstheorie
DUS für nuclear decay theory

nukleare Zersplitterung
DUS für nuclear spallation

nuklearer Elektroneneinfang
DUS für nuclear electron capture

nuklearer Energieniveauübergang
DUS für nuclear energy level transitions

nuklearer Fusionsreaktor
DUS für nuclear fusions reactors

nuklearer Kollektivzustand
DUS für nuclear collective states

nuklearer Magnetismus
DUS für nuclear magnetism

nuklearer Overhauser-Effekt
DUS für nuclear Overhauser effect

nuklearer Spin
DUS für nuclear spin

nuklearer Zerfall durch Schwerionenemission
DUS für nuclear decay by heavy ion emission

nukleares Anregungsmodell
DUS für nuclear exciton model

nukleares Bombenziel
DUS für nuclear bombardment targets

nukleares Clustermodell
DUS für nuclear cluster model

nukleares elektrisches Moment
DUS für nuclear electric moment

nukleares Energieniveau
DUS für nuclear energy levels

nukleares Exziton-Modell
DUS für nuclear exciton model

nukleares Feuerballmodell
DUS für fireball model (nuclear)

nukleares Kollektivmodell
DUS für nuclear collective model

nukleares Moment
DEU for nuclear moments

nukleares Schalenmodell
DUS für nuclear shell model

nukleares Spaltprodukt
DUS für fission products

nukleares System
DEU for nuclear systems

nukleares Teilungsverhältnis
DUS für nuclear branching ratios

nukleares Verschränkungsmodell
DUS für nuclear cranking model

Nuklearkaskade
DUS für nuclear cascades

nuklearmagnetische Resonanz
DUS für nuclear magnetic resonance

nuklearmagnetisches Moment
DUS für nucleon magnetic moment

Nuklearphysik
DUS für nuclear physics

nuklearspektroskopischer Fakteo
DUS für nuclear spectroscopic factors

nukleartechnische Instrumentierung
DUS für nuclear instrumentation

Nuklearwerkstoffsicherheit
DUS für nuclear materials safeguards

Nukleon
DEU for nucleons

Nukleon-Atomkern-Streuung
DEU for nucleon-nucleus scattering

Nukleon-Elektroimpuls
DEU for nucleon electric moment

Nukleon-Elektromoment
DUS für nucleon electric moment

Nukleon-Nukleon-Wechselwirkung
DEU for nucleon-nucleon interactions

Nukleus
DUS für nucleus

Null-Gravitations-Experiment
DEU for zero gravity experiments

Null-Ton (Zero-Sound)
DEU for zero sound

nullators
USE active networks

nullors
USE active networks

Nullspannungsschalter
DEU for zero voltage switching

Nullstromschalter
DEU for zero current switching

Nullzuweisung
DEU for zero assignment

number theory
BT mathematics
RT binary sequences
digital arithmetic
random number generation
root loci
DEU Zahlentheorie

numerical analysis
BT mathematical analysis
NT approximation theory
boundary-elements methods
convergence of numerical methods
curve fitting
difference equations
error analysis

extrapolation
finite difference methods
finite element analysis
finite volume methods
function approximation
function evaluation
functional analysis
functional equations
interpolation
iterative methods
least squares approximations
method of moments
molecular dynamics method
Monte Carlo methods
particle filtering (numerical methods)
predictor-corrector methods
Rayleigh-Ritz methods
relaxation theory
surface fitting
SY *numerical methods*
numerical simulation
RT arithmetic
boundary-value problems
computers
describing functions
differential equations
differentiation
eigenvalues and eigenfunctions
integral equations
integration
linear algebra
mathematics computing
matrix algebra
method of lines
natural sciences computing
nomograms
nonlinear differential equations
nonlinear equations
splines (mathematics)
DEU numerische Analyse
DSY numerisches Verfahren

numerical control
BT industrial control
NT computerised numerical control
SY *NC (numerical control)*
RT computerised control
control engineering computing
digital control
machine tools
process control
DEU numerische Steuerung

numerical methods
USE numerical analysis

numerical methods, convergence
USE convergence of numerical methods

numerical simulation
USE numerical analysis

numerical stability
BT convergence of numerical methods
stability
SY *stability of numerical methods*
PT convergence of numerical methods
DEU numerische Stabilität

numerische Analyse
DEU for numerical analysis

numerische Stabilität
DEU for numerical stability

numerische Steuerung
DEU for numerical control

numerische Strömungssimulation
DEU for computational fluid dynamics

numerisches Verfahren
DUS für numerical analysis

NURBS
USE splines (mathematics)

Nurlesespeicher
DEU for nondestructive readout

nursing
USE patient care

Nusselt-Graetz problems
USE convection
\+ diffusion

Nut (mechanisches Element)
DUS für splines (mechanical components)

nutation, Earth
USE Earth rotation

nuts (fasteners)
USE fasteners

Nutzbremsung
DEU for regenerative braking

nutzerbezogene Gestaltung
DEU for user centred design

nutzerbezogener Entwurf
DUS für user centred design

nutzerbezogenes Design
DUS für user centred design

Nutzerinterface
DEU for user interfaces

Nutzermodellierung
DEU for user modelling

Nutzerschnittstelle
DUS für user interfaces

Nutzerschnittstellenmanagement
DEU for user interface management systems

Nutzerschnittstellenmanagementsystem
DUS für user interface management systems

Nutzerschnittstellenverwaltungssystem
DUS für user interface management systems

nutzerzentrierter Entwurf
DUS für user centred design

nutzerzentriertes Desing
DUS für user centred design

nutzerzentriertes Gestaltung
DUS für user centred design

Nuvistor (Elektronenröhre)
DEU for nuvistors

nuvistors
DEU Nuvistor (Elektronenröhre)

NVQ
USE qualifications
\+ vocational training

NVRAM
USE random-access storage

NX Mon stars
USE pre-main-sequence stars

ny (neutrino)
USE neutrinos

nylon
USE polymers

Nyquist criterion
BT stability criteria
PT stability criteria
stability
RT Nyquist diagrams
Nyquist stability
DEU Nyquist-Kriterium

Nyquist diagrams
BT diagrams
stability
SY *inverse Nyquist diagrams*
RT control system analysis
control system synthesis
describing functions
frequency-domain analysis
frequency-domain synthesis
Nyquist criterion
Nyquist stability
stability criteria
DEU Nyquist-Diagramm

Nyquist noise
USE thermal noise

Nyquist stability
BT stability
PT Nyquist criterion
Nyquist diagrams
stability
RT Nyquist criterion
Nyquist diagrams
DEU Nyquist-Stabilität

Nyquist-Diagramm
DEU for Nyquist diagrams

Nyquist-Kriterium
DEU for Nyquist criterion

Nyquist-Stabilität
DEU for Nyquist stability

O (chemisches Element)
USE oxygen

O groups
BT group theory
NT O(2) groups
PT group theory
RT elementary particle theory
group theoretical schemes
SO groups
SO(10) groups
SO(2) groups

SO(3) groups
SO(4) groups
SO(8) groups
SU(2) theory
SU(3) theory
SU(4) theory
SU(5) theory
SU(6) theory
SU(7) theory
SU(8) theory
SU(N) theory
DEU O-Gruppe

O(2) groups
BT O groups
PT O groups
RT elementary particle theory
group theoretical schemes
SO groups
SU(N) theory
DEU O(2)-Gruppe

O(2)-Gruppe
DEU for O(2) groups

O-Gruppe
DEU for O groups

O-rings
USE rings (structures)

O-type tubes
USE microwave tubes
\+ travelling wave tubes

O3 (Ozone)
USE ozone

OATS
USE open area test sites

OBA(PC) stars
USE Large Magellanic Cloud
\+ supergiant stars

OBC stars
USE supergiant stars

OBDD
USE binary decision diagrams

OBE model
USE exchange models

obere Atmosphäre
DEU for upper atmosphere

oberflächenaktive Substanz
DEU for surfactants

Oberflächenakustikwellenfilter
DUS für surface acoustic wave filters

Oberflächenakustikwellenresonator
DUS für surface acoustic wave resonators

Oberflächenanpassung
DEU for surface fitting

Oberflächenbehandlung
DEU for surface treatment

Oberflächenbeschaffenheit
DEU for surface structure
surface texture

Oberflächenchemie
DEU for surface chemistry

Oberflächendiffusion
DEU for surface diffusion

Oberflächendynamik
DEU for surface dynamics

Oberflächenenergie
DEU for surface energy

Oberflächenenergiemessung
DEU for surface energy measurement

Oberflächenenladung
DEU for surface discharges

Oberflächenhärten
DEU for surface hardening

Oberflächenhöhen-Raman-Streuung
DEU for surface enhanced Raman
scattering

Oberflächenimpedanz
DEU for surface impedance

Oberflächenionisation
DEU for surface ionisation

Oberflächenkollision
DEU for surface collisions

Oberflächenkontamination
DEU for surface contamination

Oberflächenkratzer
DUS für crazing

Oberflächenladung
DEU for surface charging

Oberflächenlegieren
DEU for surface alloying

Oberflächenlegierung
DUS für surface alloying

Oberflächenleitfähigkeit
DEU for surface conductivity

Oberflächenmagnetismus
DEU for surface magnetism

Oberflächenmessung
DEU for surface measurement

Oberflächenmontagetechnologie
DEU for surface mount technology

Oberflächenmorphologie
DEU for surface morphology

Oberflächenphänomene
DEU for surface phenomena

Oberflächenphasentransformation
DEU for surface phase transformations

Oberflächenphonon
DEU for surface phonons

Oberflächenphotospannung
DEU for surface photovoltage

Oberflächenplasmon
DEU for surface plasmons

Oberflächenplasmonresonanz
DEU for surface plasmon resonance

Oberflächenpotential
DEU for surface potential

Oberflächenpotenzial
DUS für surface potential

Oberflächenrauigkeit
DEU for surface roughness

Oberflächenreaktionsmethode
DEU for response surface methodology

Oberflächenreinigung
DEU for surface cleaning

Oberflächenrekombination
DEU for surface recombination

Oberflächenrekonstruktion
DEU for surface reconstruction

Oberflächenriss
DEU for surface cracks

Oberflächenschallresonator
DUS für surface acoustic wave resonators

Oberflächenschallwelle
DEU for surface acoustic waves

Oberflächenschallwellen-Resonator
DUS für surface acoustic wave resonators

Oberflächenschallwellenbauelement
DUS für surface acoustic wave devices

Oberflächenschallwellenfaltung
DEU for surface acoustic wave convolution

Oberflächenschallwellenfilter
DUS für surface acoustic wave filters

Oberflächenschallwellengerät
DUS für surface acoustic wave devices

Oberflächenschallwellenkonvolution
DUS für surface acoustic wave convolution

Oberflächenschallwellenkoppler
DUS für surface acoustic wave couplers

Oberflächenschallwellenleiter
DEU for surface acoustic wave waveguides

Oberflächenschallwellenoszillator
DUS für surface acoustic wave oscillators

Oberflächenschallwellenresonator
DUS für surface acoustic wave resonators

Oberflächenschallwellenresonatorfilter
DUS für surface acoustic wave resonator filters

Oberflächenschallwellensensor
DEU for surface acoustic wave sensors

Oberflächensegregation
DEU for surface segregation

Oberflächenspannung
DEU for surface tension

Oberflächenspannung (elektrisch)
DUS für surface potential

Oberflächenspannungsmessung
DEU for surface tension measurement

Oberflächenstreuung
DEU for surface scattering

Oberflächenstruktur
DUS für surface structure

Oberflächentextur
DUS für surface texture

Oberflächentopografie
DEU for surface topography

Oberflächentopografiemessung
DEU for surface topography measurement

Oberflächentopographie
DUS für surface topography

Oberflächentopographiemessung
DUS für surface topography measurement

Oberflächenveredlung
DEU for surface finishing

Oberflächenverfestigungsstrahlen
DEU for shot peening

Oberflächenwelle (Fluid)
DEU for surface waves (fluid)

Oberflächenwellenfaltung
DUS für surface acoustic wave convolution

Oberflächenwellenkonvolution
DUS für surface acoustic wave convolution

Oberflächenwellenkorrelation
DEU for surface acoustic wave correlation

Oberflächenwellenoszillator (akustisch)
DUS für surface acoustic wave oscillators

Oberflächenwellensignalverarbeitung
DEU for surface acoustic wave signal processing

Oberflächenwellenverzögerungsspur
DUS für surface acoustic wave delay lines

Oberflächenwellenwandler
DEU for surface acoustic wave transducers

Oberflächenwiderstand
DEU for surface resistance

Oberflächenzusammensetzung
DEU for surface composition

Oberflächenzustand
DEU for surface states

Oberleitungseigenschaften (mechanisch)
DUS für overhead line mechanical characteristics

Oberschwingungsverformung
DUS für harmonic distortion

Oberschwingungsverzerrung
DEU for harmonic distortion

Oberwellenunterdrückung
DUS für harmonics suppression

OBIC (optical beam induced currents)
SY *laser beam induced currents*
LBIC (laser beam induced currents)
light beam induced currents
optical beam induced currents
RT EBIC (electron beam induced currents)
integrated circuit testing
laser beam applications
laser beam effects
optical microscopy
photoconductivity
DEU Laserstrahl-induzierter Strom
DSY laserinduzierter Strom (LBIC)
Laserstrahl-induzierter Strom (LBIC)
Laserstrahlstrominduktion
Laserstrahlstrominduzierung
Laserstrominduktion
Laserstrominduzierung
LBIC (Laserstrahl-induzierter Strom)
lichtinduzierter Strom
Lichtstrahl-induzierter Strom
Lichtstrahlstrominduktion
Lichtstrahlstrominduzierung
Lichtstrominduktion
Lichtstrominduzierung

OBIC (Strominduktion durch optische Strahlung)
Strominduktion durch optische Strahlung (OBIC)
Strominduktionslaserstrahl

OBIC (Strominduktion durch optische Strahlung)
DUS für OBIC (optical beam induced currents)

object detection
BT pattern recognition
NT buried object detection
SY *target detection*
PT image recognition
pattern recognition
RT computer vision
hyperspectral imaging
image recognition
metal detectors
object recognition
object tracking
pedestrians
radar detection
robot vision
sonar detection
video surveillance
DEU Objektdetektion

object libraries
USE software libraries

object recognition
BT pattern recognition
PT image recognition
pattern recognition
RT computer vision
image recognition
object detection
object tracking
pose estimation
radar target recognition
robot vision
shape recognition
sonar target recognition
DEU Objekterkennung

object tracking
BT tracking
PT tracking
RT image motion analysis
image segmentation
image sequences
motion estimation
object detection
object recognition
optical tracking
radar tracking
radio tracking
satellite tracking
sonar tracking
target tracking
video signal processing
DEU Objektverfolgung

object-oriented databases
BT database management systems
PT database management systems
RT aspect-oriented programming
object-oriented methods
object-oriented programming
persistent objects
DEU objektorientierte Datenbank

object-oriented languages
BT high level languages
NT C++ language
Java
Simula
Smalltalk
UF *Ada 9X / Ada + object-oriented languages*
PT high level languages
object-oriented programming
RT aspect-oriented programming
object-oriented methods
object-oriented programming
Visual BASIC
DEU objektorientierte Programmiersprache
DSY objektorientierte Sprache

object-oriented methods
BT systems analysis
UF *design patterns (software) / object-oriented methods + object-oriented programming*
UF *software patterns / object-oriented methods + object-oriented programming*
PT object-oriented programming
RT aspect-oriented programming
object-oriented databases
object-oriented languages
object-oriented programming
DEU objektorientierte Methode

object-oriented programming
BT programming
NT aspect-oriented programming
UF *agent-oriented programming / object-oriented programming + software agents*
UF *applets / distributed programming + Java + object-oriented*

programming
SY *component-based software*
crosscutting concerns
UF *design patterns (software) / object-oriented methods + object-oriented programming*
UF *software patterns / object-oriented methods + object-oriented programming*
PT programming
RT abstract data types
data encapsulation
distributed object management
inheritance
object-oriented databases
object-oriented languages
object-oriented methods
persistent objects
Smalltalk
software engineering
software libraries
Unified Modeling Language
DEU objektorientierte Programmierung
DSY OOP (objektorientiert Programmierung)

Objektdetektion
DEU for object detection

Objekterkennung
DEU for object recognition

objektorientierte Datenbank
DEU for object-oriented databases

objektorientierte Methode
DEU for object-oriented methods

objektorientierte Programmiersprache
DEU for object-oriented languages

objektorientierte Programmierung
DEU for object-oriented programming

objektorientierte Sprache
DUS für object-oriented languages

Objektverfolgung
DEU for object tracking

oblique pulsators
USE magnetic stars
\+ variable stars

oblique rotators
USE magnetic stars
\+ variable stars

observability
BT control theory
PT control system analysis
RT controllability
observers
stability
state-space methods
DEU Beobachtbarkeit

observatories, astronomical
USE astronomical observatories

Observatorium (Astronomie)
DUS für astronomical observatories

observers
BT state estimation
PT state estimation
RT active disturbance rejection control
control systems
observability
DEU Beobachter

obstacle avoidance
USE collision avoidance

obstetrics
BT medicine
SY *fetuses*
foetuses
pregnancy
RT biomedical ultrasonics
gynaecology
paediatrics
patient diagnosis
patient monitoring
DEU Geburtshilfe

Occam
BT parallel languages
PT high level languages
RT parallel programming
DEU Occam (Programmiersprache)

Occam (Programmiersprache)
DEU for Occam

Occam listings
BT complete computer programs
PT complete computer programs
DEU Occam-Programm

Occam-Programm
DEU for Occam listings

occultations
PT astronomy and astrophysics
Moon
RT astronomy
celestial mechanics
eclipses
Moon
stellar dimensions
transits
DEU Okkultation

occupational health
BT health and safety
NT occupational stress
UF *Control of Substances Hazardous to Health legislation / legislation + occupational health + occupational safety*
UF *COSHH legislation / legislation + occupational health + occupational safety*
UF *Occupational Safety & Health Administration regulations / legislation + occupational health + occupational safety*
UF *OSHA legislation / legislation + occupational health + occupational safety*
UF *REACH legislation / environmental legislation + occupational health + occupational safety*
UF *Registration, Evaluation and Authorisation of Chemicals Directive / environmental legislation + occupational health + occupational safety*
SY *repetitive strain injury*
RT employee welfare
ergonomics
occupational medicine
occupational safety
respiratory protection
DEU arbeitswissenschaftliche Medizin
DSY arbeitswissenschaftlicher Gesundheitsschutz
betrieblicher Gesundheitsschutz

occupational medicine
BT medicine
RT first aid
occupational health
DEU Arbeitsmedizin

occupational pensions
USE pensions

occupational safety
BT health and safety
safety
UF *Control of Substances Hazardous to Health legislation / legislation + occupational health + occupational safety*
UF *COSHH legislation / legislation + occupational health + occupational safety*
SY *industrail safety*
job safety
UF *Occupational Safety & Health Administration regulations / legislation + occupational health + occupational safety*
UF *OSHA legislation / legislation + occupational health + occupational safety*
UF *REACH legislation / environmental legislation + occupational health + occupational safety*
UF *Registration, Evaluation and Authorisation of Chemicals Directive / environmental legislation + occupational health + occupational safety*
RT domestic safety
employee welfare
industrial accidents
occupational health
respiratory protection
DEU Arbeitsschutz
DSY Sicherheit am Arbeitsplatz
Unfallschutz

Occupational Safety & Health Administration regulations
USE legislation
\+ occupational health
\+ occupational safety

occupational stress
BT occupational health
RT employee welfare
health hazards
DEU Arbeitsbelastung

OCDM
USE code division multiplexing

ocean bottom processes
USE seafloor phenomena

ocean chemistry
BT hydrochemistry
oceanography
PT geochemistry

RT ocean composition
salinity (geophysical)
DEU Meereschemie

ocean composition
BT oceanography
PT ocean chemistry
RT hydrochemistry
marine pollution
ocean chemistry
DEU Meereszusammensetzung

ocean engineering
USE marine engineering

ocean optics
USE oceanography
+ underwater optics
DEU Meeresoptik

ocean temperature
BT oceanography
temperature
SY *sea surface temperature*
PT oceanography
RT atmospheric temperature
El Nino Southern Oscillation
global warming
land surface temperature
DEU Meerestemperatur

ocean thermal energy conversion
BT electric power generation
SY *OTEC*
PT solar energy conversion
solar power
RT heat engines
oceanography
solar energy conversion
solar power stations
DEU Meereswärmeenergieumwandlung

ocean water
USE seawater

ocean waves
BT oceanography
water waves
UF *Kelvin waves / liquid waves +*
ocean waves
SY *sea state*
UF *seiches / lakes + ocean waves*
PT oceanography
waves
RT gravity waves
liquid waves
Rossby waves
surface waves (fluid)
tsunami
wave power generation
DEU Meereswelle
DSY Ozeanwelle

ocean-of-gates
USE logic arrays

oceanic crust
BT Earth crust
PT Earth crust
RT bathymetry
seafloor phenomena
tectonics
DEU ozeanische Erdkruste

oceanographic computing
USE geophysics computing

oceanographic equipment
BT geophysical equipment
PT geophysical equipment
oceanography
RT oceanographic techniques
underwater equipment
water pollution measurement
DEU ozeanografische Ausrüstung
DSY ozeanographische Ausrüstung

oceanographic regions
BT oceanography
PT oceanography
DEU Meeresgebiet
DSY Meeresregion
ozeanografische Region
ozeanographische Region

oceanographic techniques
BT geophysical techniques
PT geophysical techniques
oceanography
RT acoustic tomography
bathymetry
oceanographic equipment
oceanography
remote sensing
water pollution control
water pollution measurement
DEU ozeanografische Technik
DSY ozeanografische Technologie
ozeanografisches Verfahren
ozeanographische Technik
ozeanographische Technologie
ozeanographisches Verfahren

oceanography
NT ocean chemistry
ocean composition
ocean temperature
ocean waves
oceanographic regions
sea level
underwater optics
UF *ocean optics / oceanography + underwater optics*
RT bathymetry
biological effects of pressure
El Nino Southern Oscillation
geophysics
monsoons
ocean thermal energy conversion
oceanographic techniques
proxy records (geophysical)
salinity (geophysical)
sea ice
seawater
sediments
tides
underwater sound
DEU Ozeanografie
DSY Ozeanographie

OCLATOR
USE plasma confinement

OCR
USE optical character recognition

OCT
USE optical tomography

octrees
BT tree data structures
trees (mathematics)
PT tree data structures
trees (mathematics)
RT computational geometry
computer graphics
image processing
quadtrees
DEU Achterbaum

ODENDOR
USE optical double resonance

ODMR
USE microwave-optical double resonance

odometers
USE distance measurement
DEU Entfernungsmesser
DSY Kilometerzähler

odor sensors
USE electronic noses

odour sensors
USE electronic noses

öffentliche Beziehungen
DEU for public relations

öffentliche Bibliothek
DEU for public libraries

öffentliche Finanzen
DEU for public finance

öffentliche Verwaltung
DEU for public administration

öffentlicher Verkehr
DEU for public transport

öffentliches Informationssystem
DEU for public information systems

öffentliches Versorungsunternehmen
DEU for public utilities

Öffentlichkeitsarbeit
DEU for public speaking

Öffnung (mechanisch)
DUS für orifices (mechanical)

OEIC
USE integrated optoelectronics

Ökologie
DEU for ecology

Ökonometrie
DEU for econometrics

Ökonomie
DEU for economics

ökonomische Kybernetik
DEU for economic cybernetics

ökonomische Vorhersage
DEU for economic forecasting

ökonomischer Indikator
DEU for economic indicators

ökonomischer Zyklus
DEU for economic cycles

Ökonophysik
DEU for econophysics

Ökoverbundstoff
DEU for ecocomposites

Öl
DEU for oils

Ölbohrung
DUS für oil drilling

Öldosenpresse
DUS für presses

Öldruck
DUS für pressure

Öldruckschalter
DUS für pressure sensors

Ölfilter
DEU for oil filters

ölgefülltes Kabel
DEU for oil filled cables

Ölraffination
DUS für oil refining

Ölraffinierung
DUS für oil refining

Ölsand
DEU for oil sands

Ölschalter
DEU for oil circuit breakers

Ölschiefer
DEU for oil shale

Öltechnik
DUS für oil technology

Öltechnologie
DUS für oil technology

Ölverfahren
DUS für oil technology

Ölvermutzung
DEU for oil pollution

Ölverunreinigung
DUS für oil pollution

örtliche Regierung
DUS für local government

örtliches Moment in verdünnter Legierung
DEU for local moments in dilute alloys

Of ring nebulae
USE circumstellar matter
\+ nebulae
\+ stars
\+ stellar winds

OFDM modulation
BT frequency division multiplexing modulation
SY *coded orthogonal frequency division multiplexing*
COFDM
UF *orthogonal frequency division multiple access / frequency division multiple access + OFDM modulation*
SY *orthogonal frequency division multiplexing*
PT frequency division multiplexing
RT demodulation
digital radio
digital television
intercarrier interference
Long Term Evolution
MIMO communication
mobile radio
modulation coding
phase shift keying
precoding
quadrature amplitude modulation
radio broadcasting
radio transceivers
space-time block codes
television broadcasting
DEU orthogonales Frequenzmultiplexverfahren

Ofen
DEU for ovens

OFET
USE organic field effect transistors

off-highway vehicles
USE off-road vehicles

off-road vehicles
BT vehicles
SY *all-terrain vehicles*
off-highway vehicles
PT vehicles

RT agricultural machinery
earthmoving equipment
mining equipment
suspensions (mechanical components)
tracked vehicles
vehicle dynamics
DEU Geländefahrzeug

offener Sternhaufen
DEU for star associations

offenes System
DEU for open systems

office automation
BT administrative data processing automation
NT Bring Your Own Device
extranets
intranets
mailing systems
records management
reproduction (copying)
teleworking
workflow management software
UF *digital paper / interactive devices + office automation*
SY *electronic office*
UF *intelligent buildings / building management systems + factory automation + home automation + office automation*
SY *office of the future*
UF *technical office protocol / local area networks + office automation + protocols*
UF *TOP / local area networks + office automation + protocols*
PT administrative data processing
word processing
RT business communication
dictation
e-mail filters
electronic mail
executive workstations
facsimile
furniture
home working
integrated software
office environment
office products
shredding machines
spreadsheet programs
telecommunication
teleconferencing
telegraphy
telephony
telesoftware
teletext
unsolicited e-mail
viewdata
voice equipment
word processing
DEU Büroautomatisierung

office environment
BT ergonomics
RT building services
facilities management
human factors
indoor environment
office automation
DEU Bürobereich
DSY Büroumgebung

office of the future
USE office automation

office products
BT manufactured products
RT computer peripheral equipment
computer stationery
office automation
paper products
photocopying
shredding machines
DEU Bürobedarf
DSY Büroware

office workstations
USE executive workstations

offset reflector antennas
BT reflector antennas
SY *dual offset reflector antennas*
PT reflector antennas
RT reflector antenna feeds
DEU Offsetantenne
DSY Offsetreflektorantenne

Offsetantenne
DEU for offset reflector antennas

Offsetdruckmaschine
DUS für presses

Offsetreflektorantenne
DUS für offset reflector antennas

offshore installations
SY *gas platforms*
offshore power plants
UF *offshore wind farms / offshore installations + wind power plants*
SY *oil platforms*

RT drilling (geotechnical)
marine engineering
marine power systems
natural gas technology
oil drilling
structural engineering
wave power plants
wind power plants
DEU Offshore-Installation

offshore power plants
USE offshore installations

offshore wind farms
USE offshore installations
\+ wind power plants

Offshore-Installation
DEU for offshore installations

OFW-Resonator
DUS für surface acoustic wave resonators

OH Type I sources
USE astronomical masers
\+ H II regions
\+ infrared sources (astronomical)
\+ radiosources (astronomical)
\+ stars

OH Type IIa sources
USE astronomical masers
\+ interstellar matter
\+ radiosources (astronomical)

OH Type IIb sources
USE OH-IR stars

OH Type IIc sources
USE interstellar matter
\+ radiosources (astronomical)

OH-IR stars
BT giant stars
infrared sources (astronomical)
radiosources (astronomical)
supergiant stars
UF *infrared Mira variables / OH-IR stars + variable stars*
SY *OH Type IIb sources*
PT giant stars
infrared sources (astronomical)
masers
radiosources (astronomical)
supergiant stars
variable stars
RT astronomical masers
variable stars
DEU OH-IR-Stern

OH-IR-Stern
DEU for OH-IR stars

OH-minus-centres
BT colour centres
SY *OH⁻-centers*
PT colour centres
DEU OH-minus-Zentrum

OH-minus-Zentrum
DEU for OH-minus-centres

OH⁻-centers
USE OH-minus-centres

Ohm-Kontakt
DEU for ohmic contacts

ohmic contacts
BT electrical contacts
RT semiconductor-metal boundaries
DEU Ohm-Kontakt
DSY Ohmscher Kontakt

Ohmmeter
DEU for ohmmeters

ohmmeters
BT meters
RT ammeters
electric resistance measurement
multimeters
DEU Ohmmeter
DSY Widerstandsmessbrücke
Widerstandsmessgerät

Ohmscher Kontakt
DUS für ohmic contacts

Ohr
DUS für ear

Ohrhörer
DEU for earphones

oil circuit breakers
BT circuit breakers
RT insulating oils
DEU Ölschalter

oil drilling
BT drilling (geotechnical)
oil technology
UF *casing (borehole) / drilling (geotechnical) + linings + oil drilling*
SY *drilling, oil*

PT oil technology
RT offshore installations
well logging
DEU Erdölbohrung
DSY Ölbohrung

oil filled cables
BT insulating oils
power cable insulation
PT insulating oils
power cable insulation
DEU ölgefülltes Kabel

oil filters
USE filtration
\+ lubricating oils
DEU Ölfilter

oil industry
USE petroleum industry

oil pipelines
USE pipelines

oil platforms
USE offshore installations

oil pollution
BT pollution
RT crude oil
disasters
marine pollution
oils
DEU Ölvermutzung
DSY Ölverunreinigung
Verschmutzung durch Öl

oil recovery
USE oil technology

oil refining
BT fuel processing
oil technology
refining
SY *petroleum refining*
RT chemical technology
crude oil
fractionation
fuel desulphurisation
fuel processing industries
oil sands
oil shale
petrochemicals
petroleum
petroleum industry
DEU Erdölraffination
DSY Erdölraffinierung
Ölraffination
Ölraffinierung

oil sands
BT hydrocarbon reservoirs
SY *tar sands*
RT bitumen
crude oil
environmental factors
oil refining
oil shale
petroleum industry
sand
DEU Ölsand

oil shale
BT hydrocarbon reservoirs
RT crude oil
natural gas technology
oil refining
oil sands
petroleum industry
shale gas
DEU Ölschiefer

oil tanks
USE fuel storage
\+ oil technology
\+ tanks (containers)

oil technology
BT technology
NT oil drilling
oil refining
UF *fracking / natural gas technology + oil technology*
UF *hydraulic fracturing / natural gas technology + oil technology*
SY *oil recovery*
UF *oil tanks / fuel storage + oil technology + tanks (containers)*
RT mining
pipelines
underground equipment
DEU Erdöltechnik
DSY Erdöltechnologie
Öltechnik
Öltechnologie
Ölverfahren

oiling (lubrication)
USE lubricating oils

oils
BT chemical products
organic compounds
NT crude oil
essential oils
insulating oils
lubricating oils

vegetable oils
RT fats
hydraulic fluids
oil pollution
DEU Öl

Okkultation
DEU for occultations

OLAP
USE data mining

Olbers' paradox
USE cosmology

Oldroyd fluids
USE non-Newtonian fluids

OLED
USE organic light emitting diodes

olfaction
USE chemioception

Oligomer
DEU for oligomers

oligomers
USE organic compounds
DEU Oligomer

Oligopolie
DEU for oligopoly

oligopoly
BT commerce
SY *cartels (economic)*
duopoly
RT game theory
marketing
microeconomics
DEU Oligopolie

OLTP
USE data mining
\+ transaction processing

OMCVD
USE MOCVD

Omega baryons
BT hyperons
PT hyperons
DEU Omega-Baryon

omega mesons
BT meson resonances
PT meson resonances
DEU omega-Meson

Omega-Baryon
DEU for Omega baryons

omega-Meson
DEU for omega mesons

omegatrons
USE cyclotrons

omicron Cet stars
USE giant stars
\+ variable stars

OMMBE
USE chemical beam epitaxial growth

omnidirectional antennas
BT antennas
PT antennas
RT antenna radiation patterns
microstrip antennas
monopole antennas
ultra wideband antennas
DEU Rundstrahlantenne

OMVPE
USE MOCVD
\+ vapour phase epitaxial growth

on load tap changers
BT power transformers
PT power transformers
RT voltage control
DEU Leistungstransformatorenstufensch
alter
DSY Stufenschalter

on-board communications
BT telecommunication
SY *in-vehicle communications*
RT aircraft communication
automotive electronics
controller area networks
local area networks
marine communication
optical fibre communication
optical fibre networks
protocols
road vehicles
DEU on-board-Kommunikation

on-board-Kommunikation
DEU for on-board communications

on-demand software
USE cloud computing

on-off control
BT control theory
PT control nonlinearities
RT bang-bang control
describing functions
nonlinear control systems
nonlinear systems
relay control
DEU An-Aus-Regelung
DSY An-Aus-Steuerung
Ein-Aus-Regelung
Ein-Aus-Steuerung

on-off keying
USE amplitude shift keying

on-the-job training
BT training
RT industrial training
DEU On-the-Job-Training

On-the-Job-Training
DEU for on-the-job training

oncology
USE cancer
\+ tumours

one-dimensional conductivity
BT electrical conductivity
SY *electrical conductivity of one-dimensional systems*
one-dimensional conductors
quasi-one-dimensional conductors
PT electrical conductivity of solids
RT charge density waves
conducting polymers
metal-insulator transition
molecular electronics
organic superconductors
Peierls instability
synthetic metals
DEU eindimensionaler Leiter

one-dimensional conductors
USE one-dimensional conductivity

online analytical processing
USE data mining

online databases
USE information retrieval systems
\+ information services

online front-ends
BT information retrieval systems
SY *browsers, Web*
front-ends for online searching
Web browsers
PT information retrieval systems
RT computer communications software
information filters
information retrieval
portals
recommender systems
search engines
user interfaces
DEU Online-Vorrechner

online literature searching
USE information retrieval

online operation
BT supervisory programs
RT interactive systems
real-time systems
DEU Online-Betrieb
DSY Online-Verarbeitung

online programming
USE interactive programming

online public access catalogues
USE bibliographic systems
\+ cataloguing
\+ library automation
\+ public information systems

online services
USE information services

online shopping
USE Internet
\+ retail data processing

online transaction processing
USE data mining
\+ transaction processing

Online-Betrieb
DEU for online operation

Online-Verarbeitung
DUS für online operation

Online-Vorrechner
DEU for online front-ends

Onsager relations
USE thermodynamics

Onsager theory of dielectrics
USE dielectric properties

Ontologie (künstliche Intelligenz)
DEU for ontologies (artificial intelligence)

ontologies (artificial intelligence)
BT knowledge representation
PT knowledge representation
RT classification
description logic
formal concept analysis
semantic Web
text analysis
thesauri
DEU Ontologie (künstliche Intelligenz)

OO Aql stars
USE eclipsing binary stars

OOK
USE amplitude shift keying

OOP (objektorientiert Programmierung)
DUS für object-oriented programming

Oort cloud
USE comets
\+ solar system

OPAC
USE bibliographic systems
\+ cataloguing
\+ library automation
\+ public information systems

opacimeters
USE turbidimetry

opacity
BT optical properties
PT turbidity
RT light scattering
transparency
turbidity
DEU Undurchsichtigkeit

opalescence
BT optical properties
UF *critical opalescence / critical phenomena + opalescence*
DEU Opaleszenz

Opaleszenz
DEU for opalescence

OPDAR
USE optical radar

OPE model
USE exchange models

Open Access (publishing)
USE electronic publishing

open area test sites
BT test facilities
SY *OATS*
PT test facilities
RT antenna testing
electromagnetic compatibility
electromagnetic interference
immunity testing
military systems
DEU Freilufttestanlage
DSY Freilufttestgelände

open loop control
USE open loop systems

open loop systems
BT control systems
SY *open loop control*
RT closed loop systems
feedforward
DEU Steuerungssystem

open source software
USE public domain software

open star clusters
USE star clusters

open systems
BT distributed processing
SY *interoperability*
OSI
SAA
SNA
Systems Application Architecture
Systems Network Architecture
PT computer networks
protocols
RT computer architecture
computer networks
Internet of Things
ISO standards
protocols
service-oriented architecture
standards
transport protocols

DEU offenes System

operating cost reduction
USE cost reduction

operating system kernels
BT operating systems (computers)
SY *kernels (operating systems)*
PT operating systems (computers)
DEU Betriebssystemkern

operating systems (computers)
BT systems software
NT input-output programs
job control languages
network operating systems
operating system kernels
power aware computing
report generators
supervisory programs
Unix
UF *deadlocks (computers) / concurrency control + operating systems (computers) + system recovery*
SY *OS (computers)*
RT application program interfaces
C language
checkpointing
computer bootstrapping
distributed databases
distributed processing
error handling
exception handling
help systems
interrupts
resource allocation
security of data
system recovery
trusted computing
virtual storage
DEU Betriebssystem (Computer)
DSY Betriebssystem (Rechner)
Computerbetriebssystem
Rechnerbetriebssystem

operational amplifiers
BT amplifiers
SY *operational transconductance amplifiers*
OTA
transimpedance amplifiers
voltage followers
RT analogue circuits
analogue computer circuits
feedback amplifiers
instrumentation amplifiers
DEU Operationsverstärker

operational transconductance amplifiers
USE operational amplifiers

operations analysis
USE operations research

operations research
NT critical path analysis
data envelopment analysis
facility location
forecasting theory
knapsack problems
PERT
scheduling
stock control
travelling salesman problems
SY *multicriterion problems*
operations analysis
OR
RT constraint satisfaction problems
constraint theory
corporate modelling
dynamic programming
health care
heuristic programming
information theory
linear programming
management
manufacturing resources planning
minimisation
Monte Carlo methods
network analysis
optimisation
principal component analysis
probability
quality control
queueing theory
reliability
resource allocation
simulation
statistics
stochastic processes
systems analysis
systems engineering
TOPSIS
value engineering
DEU Operationsforschung

Operationsforschung
DEU for operations research

Operationsverstärker
DEU for operational amplifiers

operator training
USE training

operators (mathematical)
USE mathematical operators

ophthalmic lenses
BT lenses
sensory aids
NT contact lenses
SY *spectacle lenses*
PT contact lenses
lenses
RT eye
vision defects
DEU ophthalmische Linse

ophthalmische Linse
DEU for ophthalmic lenses

ophthalmology
USE eye

opimales System
DEU for optimal systems

OPT
USE optimised production technology

optical aberrations
USE aberrations

optical absorption
USE light absorption

optical absorption coefficients
USE absorption coefficients

optical absorption spectra
USE spectra (general)

optical access networks
USE optical fibre subscriber loops
\+ subscriber loops

optical activity
USE optical rotation

optical arrays
BT arrays
NT arrayed waveguide gratings
laser arrays
PT arrays
RT microlenses
micromirrors
optical elements
optical metamaterials
DEU optisches Array

optical attenuators
BT attenuators
optical elements
SY *variable optical attenuators*
RT optical communication equipment
optical losses
waveguide attenuators
DEU optisches Dämpfungsglied

optical backplanes
BT optical interconnections
PT optical interconnections
RT integrated optoelectronics
printed circuit accessories
system buses
DEU optische Hintergrundebene

optical beam induced currents
USE OBIC (optical beam induced currents)

optical beam splitters
BT optical elements
SY *beam splitters (optical)*
PT optical elements
DEU optischer Strahlenteiler
DSY optischer Strahlungsteiler
Strahlenteileroptik

optical beam steering
USE beam steering

optical bistability
NT SEEDs
SY *bistable optical devices*
PT electro-optical devices
nonlinear optics
quantum optics
RT circuit bistability
electro-optical devices
nonlinear optics
optical logic
quantum optics
DEU optische Bistabilität

optical bleaching
USE optical saturable absorption

optical breakdown
USE electric breakdown

optical burst switching
BT telecommunication switching
RT circuit switching
optical fibre networks
packet switching
wavelength division multiplexing
DEU optischer Sprengschalter

optical cables
BT optical communication equipment
optical fibre communication
telecommunication cables
SY *fiber optic cables*
fibre optic cables
optical fiber cables
optical fibre cables
PT optical fibres
telecommunication cables
RT cable jointing
cable laying
optical fibres
optical links
DEU optisches Kabel

optical chaos
BT chaos
PT chaos
RT chaotic communication
laser theory
nonlinear optics
quantum optics
DEU optisches Chaos

optical character recognition
BT character recognition
image recognition
SY *OCR*
PT character recognition equipment
RT document image processing
image scanners
optical scanners
text detection
DEU optische Zeichenerkennung

optical choppers
USE optical elements

optical circulators
BT circulators
optical waveguide components
PT optical waveguide components
DEU optischer Zirkulator

optical cloaking
BT invisibility cloaks
PT invisibility cloaks
RT light scattering
optical metamaterials
DEU optisches Verbergen
DSY optisches Verschleiern

optical coatings
USE antireflection coatings
\+ optical films

optical code division multiplexing
USE code division multiplexing

optical coherence
USE light coherence

optical coherence tomography
USE optical tomography

optical coherent transients
BT nonlinear optics
NT photon echo
SY *coherent optical transients*
free induction decay (optical)
optical free induction decay
optical nutation
PT nonlinear optics
DEU optische kohärente Transienten

optical collimators
BT collimators
optical elements
PT optical instruments
optical systems
DEU optischer Kollimator

optical communication
BT telecommunication
NT optical communication equipment
optical fibre communication
optical wavelength conversion
underwater optical wireless communication
SY *infrared communication*
light communication
ultraviolet communication
RT amplitude shift keying
digital communication
heterodyne detection
home networks
homodyne detection
indoor communication
jitter
laser beam applications
mobile communication
optical interconnections
optical links
optical phase locked loops
optical solitons
optics
quantum communication
quantum cryptography
space communication links
spread spectrum communication
synchronous digital hierarchy
visual communication
wavelength division multiplexing
wireless channels

DEU optische Kommunikation
DSY optische Nachrichtenübertragung

optical communication equipment
BT optical communication
telecommunication equipment
NT optical cables
optical receivers
optical repeaters
optical transmitters
photonic switching systems
RT arrayed waveguide gratings
integrated optoelectronics
optical attenuators
optical links
optical switches
optical waveguides
optical wavelength conversion
DEU optische Kommunikationsausrüstun
g
DSY optische Nachrichtenübertragung

optical components
USE optical elements
DEU optisches Bauelement

optical computing
BT optical information processing
NT optical logic
optical neural nets
symbolic substitution
PT optical information processing
RT optical correlation
optical interconnections
DEU optische Computeranwendung
DSY optische Datenverarbeitung
optische Rechneranwendung

optical conductivity
BT optical constants
SY *conductivity, optical*
PT optical constants
RT high-temperature superconductors
DEU optische Leitfähigkeit

optical connectors
USE optical couplers
\+ optical interconnections

optical constants
BT constants
optical properties
NT absorption coefficients
extinction coefficients
optical conductivity
photonic band gap
refractive index
UF *optical gap / energy gap + optical constants*
RT birefringence
dielectric function
electro-optical effects
Kramers-Kronig relations
light absorption
magneto-optical effects
optical dispersion
reflectivity
transparency
DEU optische Größe
DSY optische Konstante

optical control
NT optical variables control
RT control systems
control theory
optical switches
optoelectronic devices
DEU optische Kontrolle
DSY optische Regelung
optische Steuerung

optical cooling
USE laser cooling

optical correlation
BT correlation methods
optical information processing
NT acousto-optical correlation
SY *correlators, optical*
optical correlators
PT correlation methods
correlators
optical information processing
RT decorrelation
holography
optical computing
photon correlation spectroscopy
spatial filters
spatial light modulators
DEU optische Korrelation

optical correlators
USE optical correlation

optical couplers
BT optical elements
optical waveguide components
waveguide couplers
NT optical directional couplers
optical fibre couplers
UF *optical connectors / optical couplers + optical interconnections*
PT optical waveguides
waveguide couplers
RT coupled mode analysis

electromagnetic coupling
optical interconnections
DEU Optikkoppler
DSY optischer Koppler

optical crosstalk
BT crosstalk
PT crosstalk
RT channel spacing
optical interconnections
optical noise
optical switches
DEU optisches Nebensprechen
DSY optisches Übersprechen

optical data processing
USE optical information processing

optical deflectors
BT optical elements
NT acousto-optical deflectors
electro-optical deflectors
PT optical elements
optical systems
RT acousto-optical devices
diffraction gratings
electro-optical devices
integrated optics
optical modulation
optical scanners
DEU optischer Ableiter
DSY optischer Ablenker
optischer Abweiser
optischer Deflektor
optisches Ableitblech

optical delay lines
BT delay lines
optical elements
PT delay lines
RT optical switches
DEU optische Verzögerungsleitung

optical design techniques
BT design
PT optical instruments
optical systems
RT optical engineering computing
optical instruments
optical transfer function
optics
stray light
DEU optische Designmethode
DSY optische Entwurfstechnik

optical detection of ENDOR
USE ENDOR (electron nuclear double resonance)
\+ optical double resonance

optical detection of magnetic resonance (EPR)
USE microwave-optical double resonance

optical detection of magnetic resonance (radiofrequency)
USE magnetic double resonance
\+ optical double resonance

optical difference frequency generation
USE optical frequency conversion

optical diffraction
USE light diffraction

optical directional couplers
BT directional couplers
optical couplers
PT directional couplers
optical couplers
RT integrated optics
DEU optisch gerichteter Koppler
DSY optischer Richtungskoppler

optical disc storage
BT disc storage
optical storage
NT CD-ROMs
digital versatile discs
UF *WORM discs / optical disc storage + write-once storage*
PT optical storage
video and audio discs
RT magneto-optical recording
storage media
video discs
write-once storage
DEU optischer Plattenspeicher

optical dispersion
BT dispersion (wave)
NT optical fibre dispersion
UF *light attenuation / light absorption + light scattering + light transmission + optical dispersion*
SY *light dispersion*
RT dispersive media
optical constants
optical loss measurement
optical losses
slow light
DEU optische Dispersion

optical distortion
BT distortion
RT aberrations
laser beams
thermal lensing
DEU optische Verzerrung
DSY optische Verformung

optical distortion measurement
USE distortion measurement
\+ optical variables measurement

optical double resonance
BT resonance
NT microwave-optical double resonance
UF *coherence pumping / optical double resonance + optical pumping*
SY *infrared-infrared double resonance*
UF *infrared-radiofrequency double resonance / magnetic double resonance + optical double resonance*
SY *ODENDOR*
UF *optical detection of ENDOR / ENDOR (electron nuclear double resonance) + optical double resonance*
UF *optical detection of magnetic resonance (radiofrequency) / magnetic double resonance + optical double resonance*
UF *radiofrequency-optical double resonance / magnetic double resonance + optical double resonance*
PT magnetic double resonance
DEU optische Doppelresonanz

optical elements
NT diffractive optical elements
holographic optical elements
optical attenuators
optical beam splitters
optical collimators
optical couplers
optical deflectors
optical delay lines
optical films
optical filters
optical isolators
optical klystrons
optical limiters
optical phase locked loops
optical phase shifters
optical polarisers
optical prisms
optical projectors
optical retarders
optical waveguides
optical windows
retroreflectors
SY *optical choppers*
optical components
optical reflectors
optical shutters
reflectors (optical)
PT optical instruments
optical systems
RT diaphragms
diffraction gratings
gradient index optics
mirrors
monochromators
optical arrays
optical fabrication
optical instruments
optical materials
optical metamaterials
optical modulation
optical scanners
optics
zone plates
DEU optisches Element

optical ellipsometers
USE ellipsometers

optical ellipsometry
USE ellipsometry

optical engineering computing
BT engineering computing
PT electronic engineering computing
physics computing
RT electronic engineering computing
optical design techniques
physics computing
telecommunication computing
DEU Computeranwendung in der optischen Technik
DSY Rechneranwendung in der optischen Technik

optical fabrication
BT optical workshop techniques
NT optical fibre fabrication
PT optical workshop techniques
RT aspherical optics
embossing
grinding
ion exchange
LIGA
machining
micro-optics

micro-optomechanical devices
microfabrication
optical elements
optical metamaterials
optical testing
polishing
replica techniques
sol-gel processing
DEU Fertigung optischer Teile
DSY Optikteilefertigung

optical feedback
BT feedback
NT laser feedback
PT feedback
DEU optische Rückkopplung

optical fiber amplifiers
USE optical fibre amplifiers

optical fiber cables
USE optical cables

optical fiber cladding
USE optical fibre cladding

optical fiber communication
USE optical fibre communication

optical fiber couplers
USE optical fibre couplers

optical fiber dispersion
USE optical fibre dispersion

optical fiber fabrication
USE optical fibre fabrication

optical fiber filters
USE optical fibre filters

optical fiber LAN
USE optical fibre LAN

optical fiber lasers
USE fibre lasers

optical fiber losses
USE optical fibre losses

optical fiber measurement
USE optical fibre testing

optical fiber networks
USE optical fibre networks

optical fiber polarization
USE optical fibre polarisation

optical fiber positioners
USE astronomical instruments
\+ optical fibres

optical fiber sensors
USE fibre optic sensors

optical fiber subscriber loops
USE optical fibre subscriber loops

optical fiber telemetry
USE optical fibre telemetry

optical fiber testing
USE optical fibre testing

optical fiber theory
USE optical fibre theory

optical fibers
USE optical fibres

optical fibre amplifiers
BT amplifiers
fibre lasers
UF *EDFA / erbium + optical fibre amplifiers*
SY *fiber laser amplifiers*
fiber optical amplifiers
fibre laser amplifiers
fibre optical amplifiers
optical fiber amplifiers
PT fibre lasers
RT optical repeaters
optical transmitters
semiconductor optical amplifiers
DEU faseroptischer Verstärker
DSY Lichtverstärker
optische Faserverstärker

optical fibre cables
USE optical cables

optical fibre cladding
BT cladding techniques
claddings
optical fibres
optical films
SY *optical fiber cladding*
protective coatings, optical fibre
PT claddings
optical fibres
RT optical fibre fabrication
DEU Fasermantel
DSY Faserschutzhülle

Faserumhüllung
Faserummantelung
Lichtleiterhülle
Lichtleiterumhüllung
Lichtleiterummantelung
Umhüllung optischer Fasern
Verkleidung optischer Fasern

optical fibre communication
BT optical communication
NT optical cables
optical fibre networks
optical fibre telemetry
radio-over-fibre
UF *laser communication / optical fibre communication + optical links + optical transmitters*
SY *optical fiber communication*
PT optical communication equipment
optical links
RT channel spacing
code division multiplexing
decision circuits
microwave photonics
on-board communications
optical fibres
optical transceivers
SONET
timing jitter
DEU faseroptische Nachrichtenübertragung

optical fibre couplers
BT optical couplers
optical fibres
SY *optical fiber couplers*
PT optical couplers
optical fibres
DEU Lichtleiterkoppler

optical fibre dispersion
BT optical dispersion
optical fibres
SY *optical fiber dispersion*
PT optical dispersion
optical fibres
RT optical fibre losses
DEU Lichtwellenleiterstreuung

optical fibre fabrication
BT optical fabrication
optical fibres
UF *fusion splicing / optical fibre fabrication + splicing*
SY *optical fiber fabrication*
PT optical fibres
optical workshop techniques
RT chemical vapour deposition
drawing (mechanical)
optical fibre cladding
preforms
splicing
DEU Lichtleiterherstellung

optical fibre filters
BT optical fibres
optical waveguide filters
SY *optical fiber filters*
PT optical fibres
optical filters
DEU Lichtleiterfilter

optical fibre LAN
BT local area networks
optical fibre networks
SY *optical fiber LAN*
optical fibre local area networks
PT local area networks
optical links
RT FDDI
passive optical networks
DEU lokales Netz auf Faseroptikbasis

optical fibre lasers
USE fibre lasers

optical fibre local area networks
USE optical fibre LAN

optical fibre losses
BT optical fibres
optical losses
SY *optical fiber losses*
PT optical fibres
optical losses
RT optical fibre dispersion
DEU Lichtleiterverlust

optical fibre measurement
USE optical fibre testing

optical fibre networks
BT optical fibre communication
NT optical fibre LAN
optical fibre subscriber loops
SY *optical fiber networks*
UF *optical transport networks / optical fibre networks + telecommunication standards*
PT optical links
RT next generation networks
on-board communications
optical burst switching
passive optical networks
radio-over-fibre
wavelength assignment

DEU Lichtleiternetzwerk

optical fibre polarisation
BT light polarisation
optical fibres
SY *optical fiber polarization*
PT light polarisation
optical fibres
RT birefringence
DEU Lichtleiterpolarisation

optical fibre positioners
USE astronomical instruments
\+ optical fibres

optical fibre sensors
USE fibre optic sensors

optical fibre subscriber loops
BT optical fibre networks
subscriber loops
NT passive optical networks
SY *fiber-in-the-loop*
fiber-to-the-building
fiber-to-the-curb
fiber-to-the-home
fibre-in-the-loop
fibre-to-the-building
fibre-to-the-curb
fibre-to-the-home
FITL
FTTB
FTTC
FTTH
UF *optical access networks / optical fibre subscriber loops + subscriber loops*
SY *optical fiber subscriber loops*
PT optical links
subscriber loops
RT hybrid fibre coax networks
DEU faseroptische Unteranbieterschleife

optical fibre telemetry
BT optical fibre communication
telemetry
SY *optical fiber telemetry*
PT fibre optic sensors
telemetering equipment
telemetering systems
RT fibre optic sensors
DEU faseroptische Fernmessung
DSY fiberoptische Fernmessung

optical fibre testing
BT optical fibres
optical testing
SY *optical fiber measurement*
optical fiber testing
optical fibre measurement
PT optical fibres
optical testing
RT optical loss measurement
optical time-domain reflectometry
DEU Lichtleiterprüfung
DSY Lichtleitertest

optical fibre theory
BT optical fibres
optical waveguide theory
SY *optical fiber theory*
PT optical fibres
optical waveguide theory
DEU Lichtleitertheorie
DSY Optikfaserleitertheorie

optical fibres
BT fibres
optical waveguides
NT holey fibres
optical fibre cladding
optical fibre couplers
optical fibre dispersion
optical fibre fabrication
optical fibre filters
optical fibre losses
optical fibre polarisation
optical fibre testing
optical fibre theory
UF *fiber Bragg gratings / Bragg gratings + optical fibres*
UF *fiber optic positioners / astronomical instruments + optical fibres*
SY *fiber optical waveguides*
UF *fiber optics / fibre lasers + fibre optic sensors + optical fibres*
UF *fibre Bragg gratings / Bragg gratings + optical fibres*
UF *fibre optic positioners / astronomical instruments + optical fibres*
SY *fibre optical waveguides*
UF *optical fiber positioners / astronomical instruments + optical fibres*
SY *optical fibers*
UF *optical fibre positioners / astronomical instruments + optical fibres*
PT fibre optics
RT Bragg gratings
fibre lasers
fibre optic sensors
glass fibres
gradient index optics

optical cables
optical fibre communication
optical glass
optical interconnections
optical solitons
photonic crystals
self-phase modulation
supercontinuum generation
DEU optische Faser

optical filing
USE document image processing

optical films
BT films
optical elements
NT optical fibre cladding
optical multilayers
solar control films
UF *optical coatings / antireflection coatings + optical films*
RT antireflection coatings
dielectric thin films
integrated optics
light absorption
light interference
light reflection
optical filters
optical materials
optical windows
optics
reflectivity
spin coating
DEU optische Schicht
DSY optischer Film

optical filters
BT filters
optical elements
NT acousto-optical filters
electro-optical filters
interference filters
optical waveguide filters
SY *color filters*
colour filters
light filters
photographic filters
spectral filters
RT cameras
light absorption
light interference
light transmission
optical films
optical isolators
optical limiters
optical multilayers
optical windows
solar control films
spatial filters
DEU optisches Filter

optical flow
USE image sequences

optical focusing
BT focusing
NT optical self-focusing
PT focusing
RT lenses
DEU optische Fokussierung

optical free induction decay
USE optical coherent transients

optical frequency conversion
BT nonlinear optics
NT optical harmonic generation
SY *difference frequency generation (optical)*
frequency convertors, optical
optical difference frequency generation
optical frequency convertors
optical sum frequency generation
sum frequency generation (optical)
PT nonlinear optics
RT frequency convertors
optical parametric devices
optical wavelength conversion
DEU optische Frequenzumsetzung

optical frequency convertors
USE optical frequency conversion

optical frequency doubling
USE optical harmonic generation

optical gap
USE energy gap
\+ optical constants

optical glass
BT glass
optical materials
PT glass
optical materials
RT glass fibres
optical fibres
semiconductor doped glasses
DEU optisches Spezialglas

optical gratings
USE diffraction gratings

optical harmonic generation
BT harmonic generation
optical frequency conversion
SY *optical frequency doubling*
second harmonic generation, optical
SHG, optical
THG, optical
third harmonic generation, optical
PT harmonic generation
nonlinear optics
RT lasers
DEU optische Oberwellenerzeugung

optical hole burning
BT nonlinear optics
spectra (general)
SY *hole burning (optical)*
UF *photochemical hole burning / optical hole burning + photochemistry*
SY *spectral hole burning*
PT optical saturable absorption
photochemistry
RT multiphoton processes
optical pumping
optical saturable absorption
photochemistry
two-photon processes
DEU optisches Lochbrennen

optical images
BT imaging
NT biomedical optical imaging
Talbot effect
UF *apodisation / acoustic imaging + optical images*
UF *apodization / acoustic imaging + optical images*
RT aberrations
Fourier transform optics
holography
hyperspectral imaging
image resolution
optical resolving power
optical transfer function
optics
speckle
DEU optische Abbildung

optical information processing
BT signal processing
NT acousto-optical signal processing
optical computing
optical correlation
optical tomography
SY *optical data processing*
optical signal processing
RT computer interfaces
computer peripheral equipment
data communication
Fourier transform optics
holography
information theory
optical phase conjugation
optical signal detection
optical transfer function
spatial filters
spatial light modulators
DEU optische Informationsverarbeitung
DSY Verarbeitung optischer Informationen

optical instrument testing
DEU Prüfen optischer Bauelemente
DSY Prüfen optischer Geräte
Prüfen optischer Instrumente

optical instruments
BT instruments
NT colorimeters
coronagraphs
ellipsometers
light interferometers
optical microscopes
optical scanners
optical sensors
photometers
polarimeters
refractometers
RT optical design techniques
optical elements
optical variables measurement
optics
reflectometers
surveying
telescopes
DEU optisches Gerät
DSY optisches Instrument

optical interconnections
BT interconnections
NT optical backplanes
UF *optical connectors / optical couplers + optical interconnections*
SY *optical interconnects*
PT integrated optoelectronics
optical couplers
optical information processing
RT electric connectors
holographic optical elements
integrated circuit interconnections
integrated circuit technology
integrated optics
integrated optoelectronics

optical communication
optical computing
optical couplers
optical crosstalk
optical fibres
optical neural nets
VLSI
DEU optische Verbindung

optical interconnects
USE optical interconnections

optical interference
USE light interference

optical interferometers
USE light interferometers

optical interferometry
USE light interferometry

optical isolators
BT optical elements
NT magneto-optical isolators
PT optical instruments
optical systems
RT optical filters
optical waveguide components
DEU optischer Isolator

optical Kerr effect
BT optical properties
optical self-focusing
SY *Kerr effect (optical)*
Raman-induced Kerr effect
PT Kerr electro-optical effect
nonlinear optics
self-focusing
RT Kerr electro-optical effect
DEU optischer Kerr-Effekt

optical klystrons
BT klystrons
optical elements
PT klystrons
RT free electron lasers
DEU optische Klystron
DSY optische Laufzeitröhre

optical lattices
SY *photonic lattices*
RT laser cooling
light interference
radiation pressure
DEU optisches Gitter

optical lenses
USE lenses
DEU optische Linse

optical limiters
BT limiters
optical elements
SY *optical limiting*
PT limiters
nonlinear optics
RT nonlinear optics
optical filters
optical materials
optical saturable absorption
DEU Lichtbegrenzer
DSY optischer Begrenzer

optical limiting
USE optical limiters

optical links
BT telecommunication links
UF *laser communication / optical fibre communication* + *optical links* + *optical transmitters*
RT FDDI
laser beam applications
optical cables
optical communication
optical communication equipment
optical receivers
subcarrier multiplexing
underwater optical wireless communication
DEU lasergestützte Kommunikation
DSY Laserkommunikation
laserunterstützte Kommunikation
Laserverbindung

optical lithography
USE photolithography

optical logic
BT logic
optical computing
SY *optical logic gates*
photonic logic
PT logic devices
optical bistability
optical information processing
RT logic devices
logic gates
optical bistability
optical switches
SEEDs
smart pixels
DEU optische Logik

optical logic gates
USE optical logic

optical loss measurement
BT loss measurement
optical variables measurement
PT loss measurement
optical losses
optical variables measurement
RT optical dispersion
optical fibre testing
optical losses
optical testing
DEU Messen des optischen Verlustes
DSY optische Verlustmessung

optical losses
BT losses
optical properties
NT optical fibre losses
PT losses
RT absorbing media
bending
light absorption
light scattering
light transmission
optical attenuators
optical dispersion
optical loss measurement
optical waveguides
DEU optischer Verlust

optical mammography
USE biomedical optical imaging
+ mammography

optical mark reading
USE mark scanning equipment

optical materials
BT materials
NT optical glass
optical metamaterials
optical polymers
phosphors
photorefractive materials
UF *light sensitive materials / optical materials + photographic material sensitivity + photographic materials*
RT dyes
glass
gradient index optics
lenses
metamaterials
microwave materials
millimetre wave materials
mirrors
optical elements
optical films
optical limiters
optical windows
optics
organic-inorganic hybrid materials
phase change materials
photonic crystals
quartz
terahertz materials
DEU Optikwerkstoff

optical memories
USE optical storage

optical metamaterials
BT electromagnetic metamaterials
optical materials
UF *photonic metamaterials / optical metamaterials + terahertz metamaterials*
PT metamaterials
optical materials
RT nanophotonics
optical arrays
optical cloaking
optical elements
optical fabrication
photonic band gap
photonic crystals
plasmonics
polaritons
refractive index
slow light
surface plasmon resonance
surface plasmons
terahertz metamaterials
DEU optischer Metawerkstoff
DSY optisches Metamaterial

optical microscopes
BT microscopes
optical instruments
SY *light microscopes*
scanning optical microscopes
PT microscopes
RT near-field scanning optical microscopy
optical microscopy
DEU Lichtmikroskop
DSY optisches Mikroskop

optical microscopy
BT microscopy
NT near-field scanning optical microscopy
SY *light microscopy*
photon tunnelling microscopy

scanning optical microscopy
PT microscopy
RT atomic force microscopy
fractography
metallography
OBIC (optical beam induced currents)
optical microscopes
DEU optische Mikroskopie

optical mode of crystals
USE lattice dynamics

optical model (nuclear)
USE nuclear optical model

optical modulation
BT modulation
NT acousto-optical modulation
electro-optical modulation
magneto-optical modulation
optical pulse compression
self-phase modulation
spatial light modulators
UF *amplitude modulation, optical / amplitude modulation + optical modulation*
UF *frequency modulation, optical / frequency modulation + optical modulation*
SY *laser beam modulation*
light modulation
optical modulators
UF *phase modulation, optical / optical modulation + phase modulation*
RT acousto-optical effects
amplitude shift keying
chirp modulation
coupled mode analysis
electro-optical devices
electro-optical effects
heterodyne detection
homodyne detection
indoor communication
integrated optics
intensity modulation
jitter
laser accessories
laser mode locking
lasers
modulation spectra
modulation spectroscopy
optical deflectors
optical elements
optical pulse generation
optical pulse shaping
optics
Q-switching
radio-over-fibre
subcarrier multiplexing
underwater optical wireless communication
DEU Modulation von Licht

optical modulators
USE optical modulation

optical molasses
USE laser cooling
\+ radiation pressure

optical monochromators
USE monochromators

optical multilayers
BT multilayers
optical films
SY *multilayers, optical*
UF *optical superlattices / optical multilayers + superlattices*
PT optical films
RT antireflection coatings
optical filters
DEU optische Mehrschichtfaser

optical neural nets
BT neural nets
optical computing
PT neural nets
optical information processing
RT content-addressable storage
neural chips
optical interconnections
optical storage
parallel architectures
pattern recognition
DEU optisches neuronales Netz

optical noise
BT noise
optical properties
NT laser noise
PT noise
random noise
RT optical crosstalk
quantum noise
DEU optisches Rauschen

optical noise measurement
USE noise measurement
\+ optical variables measurement

optical nutation
USE optical coherent transients

optical parametric amplifiers
BT optical parametric devices
parametric amplifiers
PT nonlinear optics
parametric amplifiers
DEU optischer parametrischer Verstärker

optical parametric devices
BT parametric devices
NT optical parametric amplifiers
optical parametric oscillators
PT nonlinear optics
parametric devices
RT nonlinear optics
optical frequency conversion
DEU optisches parametrisches Bauelement
DSY optisches parametrisches Gerät

optical parametric oscillators
BT optical parametric devices
parametric oscillators
PT nonlinear optics
parametric oscillators
RT lasers
DEU parametrischer optischer Oszillator

optical phase conjugation
BT nonlinear optics
SY *optical wavefront reversal*
phase conjugation (optical)
wavefront reversal (optical)
PT nonlinear optics
RT adaptive optics
multiwave mixing
optical information processing
photorefractive materials
retroreflectors
DEU optische Phasenkonjugation

optical phase locked loops
BT optical elements
phase locked loops
PT phase locked loops
RT optical communication
DEU optische Phasenregelschleife

optical phase matching
BT nonlinear optics
PT nonlinear optics
DEU optische Phasenanpassung

optical phase shifters
BT optical elements
phase shifters
PT optical elements
phase shifters
RT electro-optical modulation
optical switches
phase shifting interferometry
DEU optischer Phasenverschieber

optical planar waveguides
BT integrated optics
optical waveguides
planar waveguides
PT integrated optics
optical waveguides
RT waveguide lasers
DEU ebener Lichtwellenleiter

optical polarimeters
USE polarimeters

optical polarimetry
USE polarimetry

optical polarisation
USE light polarisation

optical polarisers
BT optical elements
SY *optical polarizers*
PT optical elements
RT light polarisation
optical retarders
polarimetry
waveguide polarisers
DEU optische Polarisator

optical polarizers
USE optical polarisers

optical polymers
BT optical materials
polymers
SY *photopolymers*
PT optical materials
polymers
DEU Fotopolymer
DSY Photopolymer

optical prisms
BT optical elements
SY *prisms (optical)*
RT light polarisation
DEU optisches Prisma

optical projectors
BT optical elements
SY *projectors (optical)*
RT display devices
light valves
micromirrors

DEU optischer Projektor

optical propagation
USE light propagation

optical properties
NT acousto-optical effects
birefringence
brightness
cathodochromism
colour
dichroism
dielectric function
electro-optical effects
magneto-optical effects
opacity
opalescence
optical constants
optical Kerr effect
optical losses
optical noise
optical rotation
optical saturation
optical susceptibility
photochromism
photorefractive effect
piezo-optical effects
pleochroism
reflectivity
scintillation
thermo-optical effects
PT optical properties of substances
RT emissivity
materials properties
optics
photoelasticity
spectra (general)
DEU optische Eigenschaften

optical properties of substances
DEU optische Eigenschaften von Stoffen
DSY optische Eigenschaften von Substanzen

optical proximity effect
USE proximity effect (lithography)

optical publishing
BT electronic publishing
SY *CD-ROM publication*
PT electronic publishing
RT CD-ROMs
information retrieval systems
multimedia systems
DEU optisches Publizieren

optical pulse compression
BT optical modulation
pulse compression
NT slow light
PT high-speed optical techniques
optical modulation
RT chirp modulation
high-speed optical techniques
laser mode locking
optical pulse generation
optical pulse shaping
DEU Lichtimpulskompression
DSY optische Pulskompression

optical pulse generation
BT high-speed optical techniques
PT high-speed optical techniques
optical pulse compression
RT laser beams
laser mode locking
optical modulation
optical pulse compression
optical pulse shaping
pulse generators
Q-switching
DEU Lichtimpulserzeugung

optical pulse shaping
BT pulse shaping
SY *laser pulse shaping*
RT high-speed optical techniques
laser beams
optical modulation
optical pulse compression
optical pulse generation
DEU optische Impulsformung
DSY optische Pulsformung

optical pumping
BT photoexcitation
UF *coherence pumping / optical double resonance + optical pumping*
SY *pumping (optical)*
RT flash lamps
Hanle effect
lasers
multiphoton processes
multiphoton spectra
optical hole burning
population inversion
stimulated emission
two-photon processes
DEU optisches Pumpen

optical quantum generators
USE lasers

optical radar
BT radar
SY *DIAL (differential-absorption lidar)*
Doppler lidar
LADAR
laser radar
LIDAR
OPDAR
RT laser beam applications
laser ranging
optical tracking
planetary remote sensing
remote sensing by laser beam
submillimetre wave radar
DEU Laserradar

optical radiometry
USE photometry

optical receivers
BT optical communication equipment
receivers
NT optical transceivers
SY *photoreceivers*
PT optical communication equipment
receivers
RT avalanche photodiodes
infrared detectors
integrated optoelectronics
optical links
optical signal detection
p-i-n photodiodes
photodetectors
photodiodes
DEU Lichtempfänger

optical reflection
USE light reflection
\+ reflectivity

optical reflection spectra
USE reflectivity
\+ spectra (general)

optical reflectometers
USE reflectometers

optical reflectometry
USE reflectometry

optical reflectors
USE optical elements
DEU Lichtreflektor

optical refraction
USE light refraction

optical regenerators
USE optical repeaters

optical repeaters
BT optical communication equipment
repeaters
SY *optical regenerators*
PT optical communication equipment
repeaters
RT optical fibre amplifiers
semiconductor optical amplifiers
DEU optischer Repeater

optical resolving power
NT image resolution
SY *resolving power (optical)*
RT optical images
optics
DEU optisches Auflösevermögen
DSY optisches Auflösungsvermögen

optical resonators
BT resonators
NT Fabry-Perot resonators
laser cavity resonators
SY *optical ring resonators*
PT cavity resonators
resonators
RT Fabry-Perot interferometers
microcavities
DEU optischer Resonator

optical retarders
BT optical elements
SY *half-wave plates*
quarter-wave plates
wave-plates
PT optical elements
RT light polarisation
optical polarisers
optical rotation
polarimetry
DEU optische Wellenplatte
DSY optischer Retarder
Wellenplatte

optical ring resonators
USE optical resonators

optical rotation
BT optical properties
rotation
SY *dispersion power, rotatory*
UF *electrogyration / electro-optical effects + optical rotation*

SY *gyrotropy (optical)*
optical activity
Pfeiffer effect
rotatory dispersion power
RT birefringence
Faraday effect
Kerr magneto-optical effect
light polarisation
optical retarders
rotational isomerism
DEU optische Drehung

optical saturable absorption
BT light absorption
optical saturation
SY *bleaching, optical*
coherent population oscillation
optical bleaching
photobleaching
saturable absorption, optical
PT light absorption
nonlinear optics
RT optical hole burning
optical limiters
slow light
DEU optisch sättigbare Absorption
DSY optische Sättigungsabsorption

optical saturation
BT nonlinear optics
optical properties
NT optical saturable absorption
SY *saturation effects, optical*
PT nonlinear optics
RT lasers
DEU optische Sättigung

optical scanners
BT optical instruments
SY *laser scanners*
scanners, optical
PT laser scanners
optical deflectors
RT image scanners
laser ranging
mark scanning equipment
optical character recognition
optical deflectors
optical elements
DEU optischer Abtaster
DSY optischer Scanner

optical scattering
USE light scattering

optical self-focusing
BT nonlinear optics
optical focusing
self-focusing
NT optical Kerr effect
PT nonlinear optics
self-focusing
RT electrostriction
Kerr electro-optical effect
optical vortices
DEU optische Selbstfokussierung

optical self-induced transparency
USE self-induced transparency

optical self-phase modulation
USE self-phase modulation

optical sensors
BT nonelectric sensing devices
optical instruments
NT fibre optic sensors
magneto-optical sensors
wavefront sensors
PT nonelectric sensing devices
RT image sensors
integrated optics
light interferometers
measurement by laser beam
star trackers
surface plasmon resonance
DEU optischer Sensor

optical shutters
USE optical elements

optical signal detection
BT signal detection
PT signal detection
RT optical information processing
optical receivers
photodetectors
DEU optische Signal-Detektion
DSY optische Signal-Erkennung

optical signal processing
USE optical information processing

optical solitons
BT nonlinear optics
solitons
PT nonlinear optics
solitons
RT optical communication
optical fibres
optical vortices
timing jitter
DEU optischer Soliton

optical sources
USE light sources

optical spectra
USE infrared spectra
\+ ultraviolet spectra
\+ visible spectra

optical spectrometers
USE infrared spectrometers
\+ ultraviolet spectrometers
\+ visible spectrometers

optical spectroscopy
USE infrared spectroscopy
\+ ultraviolet spectroscopy
\+ visible spectroscopy

optical squeezing
BT quantum optics
SY *squeezed light*
squeezed states, optical
PT quantum optics
RT Jaynes-Cummings model
DEU optisches Auspressen
DSY optisches Quetschen

optical storage
BT digital storage
NT holographic storage
magneto-optical recording
optical disc storage
SY *optical memories*
PT optical storage devices
optical stores
RT optical neural nets
slow light
thermomagnetic recording
DEU optische Datenspeicherung
DSY optischer Datenspeicher

optical sum frequency generation
USE optical frequency conversion

optical superlattices
USE optical multilayers
\+ superlattices

optical susceptibility
BT dielectric properties
optical properties
NT nonlinear optical susceptibility
SY *dielectric susceptibility*
electric susceptibility
susceptibility, dielectric
susceptibility, optical
PT optical properties of substances
DEU optische Suszeptibilität

optical switches
BT switches
NT acousto-optical switches
electro-optical switches
photonic switching systems
PT optical communication equipment
switches
RT optical communication equipment
optical control
optical crosstalk
optical delay lines
optical logic
optical phase shifters
photoconducting switches
photothyristors
smart pixels
thermo-optical devices
DEU optischer Schalter

optical systems
DEU optisches System

optical telescopes
USE telescopes

optical testing
BT testing
NT optical fibre testing
RT aspherical optics
optical fabrication
optical loss measurement
optical transfer function
optical variables measurement
optical workshop techniques
optics
phase shifting interferometry
DEU optisches Prüfverfahren

optical thyristors
USE photothyristors

optical time-domain reflectometers
USE optical time-domain reflectometry
\+ reflectometers

optical time-domain reflectometry
BT time-domain reflectometry
UF *optical time-domain reflectometers*
/ optical time-domain reflectometry
+ reflectometers
SY *OTDR*
PT time-domain reflectometry
RT optical fibre testing
optical variables measurement
DEU optische Zeitbereichsreflektometrie

optical tomography
BT optical information processing
tomography
UF *diffuse optical imaging / biomedical optical imaging + optical tomography*
SY *OCT*
optical coherence tomography
PT optical information processing
RT biomedical optical imaging
medical image processing
DEU optische Tomografie
DSY optische Tomographie

optical tracking
BT tracking
SY *infrared tracking*
IR tracking
laser tracking
PT tracking systems
tracking
RT image processing
object tracking
optical radar
DEU optische Verfolgung

optical transceivers
BT optical receivers
optical transmitters
transceivers
PT optical communication equipment
transceivers
RT integrated optoelectronics
optical fibre communication
wavelength division multiplexing
DEU optische Relaisstation
DSY optischer Sender und Empfänger
optischer Transceiver

optical transfer function
BT transfer functions
SY *contrast transfer function*
modulation transfer function
MTF (optical)
OTF
phase transfer function
point spread function
PT transfer functions
RT optical design techniques
optical images
optical information processing
optical testing
optics
DEU optische Übertragungsfunktion

optical transmission
USE light transmission

optical transmitters
BT optical communication equipment
transmitters
NT optical transceivers
UF *laser communication / optical fibre communication + optical links + optical transmitters*
PT optical communication equipment
RT fibre lasers
optical fibre amplifiers
semiconductor lasers
semiconductor optical amplifiers
DEU Lichtsender
DSY Lichttransmitter

optical transport networks
USE optical fibre networks
\+ telecommunication standards

optical trapping
USE radiation pressure

optical tuning
BT tuning
NT laser tuning
PT tuning
RT nonlinear optics
DEU optische Abstimmung
DSY optisches Tuning (Lichttechnik)

optical tweezers
USE radiation pressure

optical variables control
BT control of specific variables
optical control
RT lighting control
optical variables measurement
DEU Kontrolle optischer Größen
DSY Kontrolle optischer Variablen
optische Variablenkontrolle

optical variables measurement
BT measurement
NT colorimetry
densitometry
ellipsometry
light velocity measurement
optical loss measurement
photometry
refractive index measurement
turbidimetry
UF *optical distortion measurement / distortion measurement + optical variables measurement*

UF *optical noise measurement / noise measurement + optical variables measurement*
RT laser variables measurement
light
optical instruments
optical testing
optical time-domain reflectometry
optical variables control
optics
polarimetry
power meters
reflectometers
reflectometry
streak photography
wavefront sensors
DEU Messen optischer Größen

optical video discs
USE video discs

optical vortices
BT physical optics
SY *vortices, optical*
PT physical optics
RT laser beams
optical self-focusing
optical solitons
DEU Lichtwirbel
DSY optischer Wirbel

optical wavefront reversal
USE optical phase conjugation

optical waveguide components
BT waveguide components
NT optical circulators
optical couplers
optical waveguide filters
PT optical waveguides
waveguide components
RT optical isolators
optical waveguides
waveguide polarisers
DEU Lichtleiterkomponente

optical waveguide filters
BT optical filters
optical waveguide components
waveguide filters
NT optical fibre filters
PT optical filters
DEU Lichtwellenfilter
DSY optische Wellenleiterfilter

optical waveguide theory
BT optical waveguides
waveguide theory
NT optical fibre theory
SY *guided light propagation*
PT optical waveguides
waveguide theory
RT coupled mode analysis
nonlinear media
DEU Lichtwellenleitertheorie

optical waveguides
BT dielectric waveguides
optical elements
NT arrayed waveguide gratings
optical fibres
optical planar waveguides
optical waveguide theory
waveguide lasers
RT integrated optics
laser accessories
optical communication equipment
optical losses
optical waveguide components
photonic crystals
rib waveguides
waveguide polarisers
DEU Lichtwellenleiter

optical wavelength conversion
BT nonlinear optics
optical communication
SY *optical wavelength convertors*
PT optical frequency conversion
RT multiwave mixing
optical communication equipment
optical frequency conversion
wavelength division multiplexing
DEU optische Frequenzkonvertierung
DSY optische Frequenzwandlung
optische Wellenlängenkonvertierung
optische Wellenlängenwandlung

optical wavelength convertors
USE optical wavelength conversion

optical windows
BT optical elements
UF *electrochromic windows / electrochromic devices + optical windows + solar control films*
UF *laser windows / laser accessories + optical windows*
UF *smart windows / optical windows + solar control films*
UF *window coatings / optical windows + solar control films*
SY *windows, optical*

UF *windscreen wipers / automotive components + cleaning + optical windows + windows (construction)*
UF *windscreens / aerospace materials + automotive components + optical windows + windows (construction)*
UF *windshield wipers / automotive components + cleaning + optical windows + windows (construction)*
UF *windshields / aerospace materials + automotive components + optical windows + windows (construction)*
PT optical elements
RT daylighting
optical films
optical filters
optical materials
solar control films
windows (construction)
DEU optisches Fenster

optical workshop techniques
NT optical fabrication
PT mirrors
optical instruments
RT laboratory techniques
optical testing
DEU optische Werkstatttechnik

optical zone plates
USE zone plates

optics
NT adaptive optics
aspherical optics
atmospheric optics
bio-optics
Fourier transform optics
geometrical optics
gradient index optics
integrated optics
micro-optics
nanophotonics
nonlinear optics
physical optics
quantum optics
RT aberrations
holography
lamps
laser beams
lasers
light
optical communication
optical design techniques
optical elements
optical films
optical images
optical instruments
optical materials
optical modulation
optical properties
optical resolving power
optical testing
optical transfer function
optical variables measurement
photography
vision
DEU Optik

Optik
DEU for optics

Optikfaserleitertheorie
DUS für optical fibre theory

Optikkoppler
DEU for optical couplers

Optikteilefertigung
DUS für optical fabrication

Optikwerkstoff
DEU for optical materials

optimal control
BT control theory
NT cost optimal control
fuel optimal control
H-infin-control
linear quadratic control
maximum principle
minimum principle
singular optimal control
suboptimal control
time optimal control
SY *extremum control*
optimum control
RT compensation
decision theory
difference equations
dynamic programming
game theory
H2-control
Hilbert spaces
identification
infinite horizon
model reference adaptive control systems
modelling
optimal systems
optimisation
periodic control
piecewise constant techniques
predictive control

singularly perturbed systems
trajectory optimisation (aerospace)
DEU optimale Kontrolle
DSY optimale Regelung
optimale Steuerung
optimale Steuerung und Regelung
optimales Kontrollieren
optimales Regeln
optimales Steuern

optimal systems
BT control systems
RT compensation
optimal control
optimisation
DEU opimales System

optimale Kontrolle
DEU for optimal control

optimale Regelung
DUS für optimal control

optimale Steuerung
DUS für optimal control

optimale Steuerung und Regelung
DUS für optimal control

optimale Treibstoffregelung
DEU for fuel optimal control

optimale Treibstoffsteuerung
DUS für fuel optimal control

optimales Kontrollieren
DUS für optimal control

optimales Regeln
DUS für optimal control

optimales Steuern
DUS für optimal control

optimierender Compiler
DEU for optimising compilers

optimierte Fertigungstechnologie
DEU for optimised production technology

optimierte Herstellungstechnologie
DUS für optimised production technology

optimierte Produktionstechnologie
DUS für optimised production technology

Optimierung
DEU for optimisation

optimisation
NT ant colony optimisation
artificial immune systems
circuit optimisation
genetic algorithms
H-infin-optimisation
mathematical programming
minimax techniques
minimisation
optimised production technology
Pareto optimisation
particle swarm optimisation
simulated annealing
travelling salesman problems
SY *maximisation*
maximization
UF *NP-complete problems / computational complexity + optimisation*
UF *NP-hard problems / computational complexity + optimisation*
SY *optimization*
RT compensation
constraint satisfaction problems
constraint theory
correlation methods
design of experiments
expectation-maximisation algorithm
gradient methods
Hilbert spaces
infinite horizon
least mean squares methods
least squares approximations
linear quadratic control
linear quadratic Gaussian control
operations research
optimal control
optimal systems
quality control
response surface methodology
scheduling
search problems
sensor placement
single machine scheduling
systems analysis
Taguchi methods
TOPSIS
trajectory optimisation (aerospace)
value engineering
vehicle routing
DEU Optimierung

optimised production technology
BT optimisation
production control
technology
SY *OPT*
optimized production technology
PT production control
RT production planning
DEU optimierte Fertigungstechnologie
DSY optimierte Herstellungstechnologie
optimierte Produktionstechnologie

optimising compilers
BT program compilers
SY *optimizing compilers*
register allocation
PT program compilers
RT program interpreters
DEU optimierender Compiler

optimization
USE optimisation

optimized production technology
USE optimised production technology

optimizing compilers
USE optimising compilers

optimum control
USE optimal control

optisch gerichteter Koppler
DEU for optical directional couplers

optisch sättigbare Absorption
DEU for optical saturable absorption

optische Abbildung
DEU for optical images

optische Absorption
DUS für light absorption

optische Abstimmung
DEU for optical tuning

optische Anregung
DUS für photoexcitation

optische automatische Inspektion
DUS für automatic optical inspection

optische automatisierte Inspektion
DUS für automatic optical inspection

optische Beugung
DEU for light diffraction

optische Bistabilität
DEU for optical bistability

optische Brechung
DEU for light refraction

optische Computeranwendung
DEU for optical computing

optische Datenbank
DEU for visual databases

optische Datenspeicherung
DEU for optical storage

optische Datenverarbeitung
DUS für optical computing

optische Designmethode
DEU for optical design techniques

optische Dispersion
DEU for optical dispersion

optische Doppelresonanz
DEU for optical double resonance

optische drahtlose Unterwasserkommunikation
DEU for underwater optical wireless
communication

optische Drehung
DEU for optical rotation

optische Durchlässigkeit
DEU for light transmission

optische Eigenschaft
DEU for optical properties of substances

optische Eigenschaften
DEU for optical properties

optische Eigenschaften von Stoffen
DEU for optical properties of substances

optische Eigenschaften von Substanzen
DUS für optical properties of substances

optische Entwurfstechnik
DUS für optical design techniques

optische Faser
DEU for optical fibres

optische Faserverstärker
DUS für optical fibre amplifiers

optische Fokussierung
DEU for optical focusing

optische Frequenzkonvertierung
DEU for optical wavelength conversion

optische Frequenzumsetzung
DEU for optical frequency conversion

optische Frequenzwandlung
DUS für optical wavelength conversion

optische Größe
DEU for optical constants

optische Hintergrundebene
DEU for optical backplanes

optische Impulsformung
DEU for optical pulse shaping

optische Informationsverarbeitung
DEU for optical information processing

optische Klystron
DEU for optical klystrons

optische kohärente Transienten
DEU for optical coherent transients

optische Kommunikation
DEU for optical communication

optische Kommunikationsausrüstung
DEU for optical communication equipment

optische Konstante
DUS für optical constants

optische Kontrolle
DEU for optical control

optische Korrelation
DEU for optical correlation

optische Laufzeitröhre
DUS für optical klystrons

optische Leitfähigkeit
DEU for optical conductivity

optische Linse
DEU for optical lenses

optische Logik
DEU for optical logic

optische Mehrschichtfaser
DEU for optical multilayers

optische Mikroskopie
DEU for optical microscopy

optische Nachrichtenübertragung
DUS für optical communication
optical communication equipment

optische Nahfeldabtastmikroskopie
DEU for near-field scanning optical microscopy

optische Oberwellenerzeugung
DEU for optical harmonic generation

optische Phasenanpassung
DEU for optical phase matching

optische Phasenkonjugation
DEU for optical phase conjugation

optische Phasenregelschleife
DEU for optical phase locked loops

optische Polarisation
DEU for light polarisation

optische Polarisator
DEU for optical polarisers

optische Pulsformung
DUS für optical pulse shaping

optische Pulskompression
DUS für optical pulse compression

optische Rechneranwendung
DUS für optical computing

optische Reflexion
DUS für light reflection

optische Regelung
DUS für optical control

optische Relaisstation
DEU for optical transceivers

optische Rückkopplung
DEU for optical feedback

optische Sättigung
DEU for optical saturation

optische Sättigungsabsorption
DUS für optical saturable absorption

optische Schicht
DEU for optical films

optische Selbstfokussierung
DEU for optical self-focusing

optische Signal-Detektion
DEU for optical signal detection

optische Signal-Erkennung
DUS für optical signal detection

optische Spektrometrie
DUS für visible spectroscopy

optische Spektroskopie
DUS für visible spectroscopy

optische Steuerung
DUS für optical control

optische Streuung
DUS für light scattering

optische Suszeptibilität
DEU for optical susceptibility

optische Tomografie
DEU for optical tomography

optische Tomographie
DUS für optical tomography

optische Übertragungsfunktion
DEU for optical transfer function

optische Variablenkontrolle
DUS für optical variables control

optische Verbindung
DEU for optical interconnections

optische Verfolgung
DEU for optical tracking

optische Verformung
DUS für optical distortion

optische Verlustmessung
DUS für optical loss measurement

optische Verzerrung
DEU for optical distortion

optische Verzögerungsleitung
DEU for optical delay lines

optische Wahrnehmung
DEU for visual perception

optische Wellenlängenkonvertierung
DUS für optical wavelength conversion

optische Wellenlängenwandlung
DUS für optical wavelength conversion

optische Wellenleiterfilter
DUS für optical waveguide filters

optische Wellenplatte
DEU for optical retarders

optische Werkstatttechnik
DEU for optical workshop techniques

optische Zeichenerkennung
DEU for optical character recognition

optische Zeitbereichsreflektometrie
DEU for optical time-domain reflectometry

optischer Ableiter
DEU for optical deflectors

optischer Ablenker
DUS für optical deflectors

optischer Abtaster
DEU for optical scanners

optischer Abweiser
DUS für optical deflectors

optischer Begrenzer
DUS für optical limiters

optischer Datenspeicher
DUS für optical storage

optischer Deflektor
DUS für optical deflectors

optischer Film
DUS für optical films

optischer Halbleiterverstärker
DEU for semiconductor optical amplifiers

optischer Isolator
DEU for optical isolators

optischer Kerr-Effekt
DEU for optical Kerr effect

optischer Kollimator
DEU for optical collimators

optischer Koppler
DUS für optical couplers

optischer Metawerkstoff
DEU for optical metamaterials

optischer parametrischer Verstärker
DEU for optical parametric amplifiers

optischer Phasenverschieber
DEU for optical phase shifters

optischer Plattenspeicher
DEU for optical disc storage

optischer Projektor
DEU for optical projectors

optischer Repeater
DEU for optical repeaters

optischer Resonator
DEU for optical resonators

optischer Retarder
DUS für optical retarders

optischer Richtungskoppler
DUS für optical directional couplers

optischer Scanner
DUS für optical scanners

optischer Schalter
DEU for optical switches

optischer Sender und Empfänger
DUS für optical transceivers

optischer Sensor
DEU for optical sensors

optischer Soliton
DEU for optical solitons

optischer Sprengschalter
DEU for optical burst switching

optischer Strahlenteiler
DEU for optical beam splitters

optischer Strahlungsteiler
DUS für optical beam splitters

optischer Transceiver
DUS für optical transceivers

optischer Verlust
DEU for optical losses

optischer Wirbel
DUS für optical vortices

optischer Zirkulator
DEU for optical circulators

optisches Ableitblech
DUS für optical deflectors

optisches Array
DEU for optical arrays

optisches Auflösevermögen
DEU for optical resolving power

optisches Auflösungsvermögen
DUS für optical resolving power

optisches Auspressen
DEU for optical squeezing

optisches Bauelement
DEU for optical components

optisches Chaos
DEU for optical chaos

optisches Dämpfungsglied
DEU for optical attenuators

optisches Element
DEU for optical elements

optisches Fenster
DEU for optical windows

optisches Filter
DEU for optical filters

optisches Gerät
DEU for optical instruments

optisches Gitter
DUS für diffraction gratings

optisches Gitter
DEU for optical lattices

optisches Hochgeschwindigkeitstechnik
DEU for high-speed optical techniques

optisches Instrument
DUS für optical instruments

optisches Kabel
DEU for optical cables

optisches Lochbrennen
DEU for optical hole burning

optisches Metamaterial
DUS für optical metamaterials

optisches Mikroskop
DUS für optical microscopes

optisches Nebensprechen
DEU for optical crosstalk

optisches neuronales Netz
DEU for optical neural nets

optisches parametrisches Bauelement
DEU for optical parametric devices

optisches parametrisches Gerät
DUS für optical parametric devices

optisches Prisma
DEU for optical prisms

optisches Prüfverfahren
DEU for optical testing

optisches Publizieren
DEU for optical publishing

optisches Pumpen
DEU for optical pumping

optisches Quetschen
DUS für optical squeezing

optisches Rauschen
DEU for optical noise

optisches Spezialglas
DEU for optical glass

optisches System
DEU for optical systems
optical systems

optisches Tuning (Lichttechnik)
DUS für optical tuning

optisches Übersprechen
DUS für optical crosstalk

optisches Verbergen
DEU for optical cloaking

optisches Verschleiern
DUS für optical cloaking

opto-akustische Faltung
DUS für acousto-optical convolution

opto-couplers
USE opto-isolators

opto-isolators
BT optoelectronic devices
SY *opto-couplers*
optrons
PT optoelectronic devices
RT light emitting diodes
photodiodes
DEU Optoisolator

optoacoustic effect
USE photoacoustic effect

optoacoustic spectra
USE photoacoustic spectra

optoacoustic spectroscopy
USE photoacoustic spectroscopy

optoakustische Faltung
DUS für acousto-optical convolution

optodes
USE fibre optic sensors

optoelectronic devices
NT integrated optoelectronics
light emitting diodes
microwave photonics
opto-isolators
photoelectric devices
PT light emitting devices
semiconductor devices
RT electro-optical devices
optical control
semiconductor devices
DEU optoelektronisches Gerät

optoelectronic integrated circuits
USE integrated optoelectronics

optoelektronisches Gerät
DEU for optoelectronic devices

optogalvanic spectra
BT spectra (general)
SY *photogalvanic spectra*
RT discharges (electric)
photovoltaic effects
DEU optogalvanisches Spektrum

optogalvanic spectroscopy
BT spectroscopy
SY *photogalvanic spectroscopy*
PT spectroscopy
RT plasma diagnostics
DEU optogalvanische Spektroskopie

optogalvanische Spektroskopie
DEU for optogalvanic spectroscopy

optogalvanisches Spektrum
DEU for optogalvanic spectra

Optoisolator
DEU for opto-isolators

optothermal effects
USE photothermal effects

optothermal spectroscopy
USE photothermal spectroscopy

optrodes
USE fibre optic sensors

optrons
USE opto-isolators

OPW calculations
BT band theory
orbital calculations
SY *orthogonalised plane wave calculations*
orthogonalized plane wave calculations
PT band theory models
DEU OPW-Berechnung
DSY OPW-Kalkulation

OPW-Berechnung
DEU for OPW calculations

OPW-Kalkulation
DUS für OPW calculations

OR
USE operations research

OR gates
USE logic gates

orbit, Earth
USE Earth orbit

orbital calculations
BT energy states
NT APW calculations
DIM calculations
EHT calculations
GO calculations
GTO calculations
HMO calculations
KKR calculations
LCAO calculations
linear muffin-tin orbital method
NDO calculations
OPW calculations
PNO calculations
PPP calculations
STO calculations
SY *atomic orbitals calculations*
CFF calculations
generalised valence force field
GIAO calculations
GVFF calculations
HAM calculations
MO calculations
molecular orbitals calculations
UF *SAMO calculations / ab initio calculations + orbital calculations*
SY *VSEPR*
PT atomic orbitals calculations
molecular orbitals calculations
orbital calculation methods
RT atomic structure
configuration interactions
coupled cluster calculations
electron correlations
molecular electronic states
DEU Orbitalberechnung
DSY Orbitalkalkulation

Orbitalberechnung
DEU for orbital calculations

Orbitalkalkulation
DUS für orbital calculations

orbitals, atomic
USE atomic structure

orbitals, molecular
USE molecular electronic states

orbits (solar system)
USE celestial mechanics

orbits (stellar)
USE stellar dynamics
\+ stellar motion

order picking
BT warehousing
PT warehousing
RT order processing
DEU Auftragsbearbeitung
DSY Bestellbearbeitung
Bestellungsbearbeitung
Kommissioniersystem
Kommissionierung

order processing
BT stock control
SY *purchase order processing*
sales order processing
RT customer relationship management
mail order
manufacturing data processing
order picking
production control
DEU Auftragsabwicklung

order statistic filters
USE nonlinear filters

order, long-range
USE long-range order

order, short-range
USE short-range order

order-disorder transformations
BT solid-state phase transformations
PT solid-state phase transformations
RT commensurate-incommensurate transformations
ferroelectric transitions
Ising model
long-range order
polymorphic transformations
short-range order
solid solutions
superlattices
DEU Order-Disorder-Transformation
DSY Order-Disorder-Umwandlung
Order-Disorder-Wandler
Ordnungs-Unordnungs-Vorgang

Order-Disorder-Transformation
DEU for order-disorder transformations

Order-Disorder-Umwandlung
DUS für order-disorder transformations

Order-Disorder-Wandler
DUS für order-disorder transformations

Ordnungs-Unordnungs-Vorgang
DUS für order-disorder transformations

oregonator
USE chemical equilibrium

ores
USE minerals

Organ (Biologie)
DUS für biological organs

organic compounds
NT bitumen
coal tar
detergents
DNA
dyes
fats
oils
organic insulating materials
organic semiconductors
organic superconductors
organometallic compounds
petrochemicals
polymers
proteins
resins
RNA
silicones
soaps
sugar
SY *acids, organic*
amino acids
UF *biobutanol / biofuel + organic compounds*
UF *bioethanol / biofuel + organic compounds*
SY *clathrates*
oligomers
UF *organic metals / organic compounds + synthetic metals*
UF *Rochelle salt / organic compounds + potassium compounds + sodium compounds*
RT carbon compounds

drugs
enzymatic fuel cells
free radicals
fullerene compounds
inorganic compounds
macromolecules
microbial fuel cells
molecular magnetism
organic light emitting diodes
organic-inorganic hybrid materials
plastics
soot
waxes
DEU organische Verbindung

organic farming
BT farming
RT agriculture
consumer behaviour
environmental factors
sustainable development
DEU biologischer Landbau

organic field effect transistors
BT field effect transistors
SY *OFET*
PT field effect transistors
RT organic semiconductors
thin film transistors
DEU organischer Feldeffekttransistor

organic insulating materials
BT insulating materials
organic compounds
NT epoxy insulation
insulating oils
paper
plastics
polyethylene insulation
rubber
silicone insulation
RT polymer foams
polymer insulators
trees (electrical)
waxes
DEU organischer Isolationswerkstoff
DSY organisches Isolationsmaterial

organic light emitting diodes
BT light emitting diodes
SY *OLED*
polymer LED
PT light emitting diodes
RT conducting polymers
electroluminescence
flexible displays
flexible electronics
LED displays
molecular electronics
organic compounds
organic semiconductors
DEU organische LED
DSY organische Lichtemitterdiode

organic metals
USE organic compounds
\+ synthetic metals
DEU organisches Metall

organic molecule configurations
USE molecular configurations

organic semiconductors
BT organic compounds
semiconductor materials
PT semiconductor materials
RT organic field effect transistors
organic light emitting diodes
DEU organischer Halbleiter

organic superconductors
BT organic compounds
superconducting materials
superconductivity
PT organic compounds
superconducting materials
type II superconductors
RT one-dimensional conductivity
type II superconductors
DEU organischer Supraleiter

organic-inorganic hybrid materials
BT composite materials
SY *inorganic-organic hybrid materials*
organically modified silicates
ormosils
RT bio-inspired materials
inorganic compounds
nanostructured materials
optical materials
organic compounds
sol-gel processing
DEU organisch-anorganischer Hybridwerkstoff

organically modified silicates
USE organic-inorganic hybrid materials

organisational aspects
BT management
NT corporate acquisitions
team working
SY *business organisation*
UF *joint ventures / international collaboration + organisational aspects + research initiatives*

SY *organisational culture*
organisational structure
UF *public-private partnerships / organisational aspects + public administration*
UF *university-industry collaboration / educational institutions + organisational aspects + research initiatives*
RT business process re-engineering
corporate social responsibility
DEU organisatorischer Aspekt

organisational culture
USE organisational aspects

organisational structure
USE organisational aspects

organisatorischer Aspekt
DEU for organisational aspects

organisch-anorganischer Hybridwerkstoff
DEU for organic-inorganic hybrid materials

organische LED
DEU for organic light emitting diodes

organische Lichtemitterdiode
DUS für organic light emitting diodes

organische Verbindung
DEU for organic compounds

organischer Feldeffekttransistor
DEU for organic field effect transistors

organischer Halbleiter
DEU for organic semiconductors

organischer Isolationswerkstoff
DEU for organic insulating materials

organischer Supraleiter
DEU for organic superconductors

organisches Isolationsmaterial
DUS für organic insulating materials

organisches Metall
DEU for organic metals

organometallic compounds
BT organic compounds
SY *metallo-organic compounds*
metallocenes
metalorganic compounds
RT MOCVD
DEU metallorganische Verbindung

organs, artificial
USE artificial organs

organs, biological
USE biological organs

Oric computers
BT digital computers
PT microcomputers
RT microcomputers
DEU Oric-Computer

Oric-Computer
DEU for Oric computers

orientation control
USE attitude control
\+ position control

orientational glasses
SY *glassy crystals (molecular crystals)*
RT dipole glasses
glass
molecular orientation
plastic crystals
DEU orientiertes Glas

orientiertes Glas
DEU for orientational glasses

orifices (mechanical)
BT mechanical products
RT flowmeters
jets
nozzles
DEU Mündung (mechanisch)
DSY Öffnung (mechanisch)

origin of elements
USE nucleosynthesis

origin of life
USE evolution (biological)

Originalkopieverfahren
DUS für replica techniques

Orion Population stars
USE pre-main-sequence stars

ormosils
USE organic-inorganic hybrid materials

orotrons
USE free electron lasers
\+ microwave generation
\+ microwave tubes

orthicons
USE television camera tubes

Orthodik
DEU for orthotics

orthodontics
USE dentistry
\+ orthotics

orthogonal codes
BT codes
PT codes
RT code division multiple access
error correction codes
spread spectrum communication
DEU orthogonaler Code

orthogonal frequency division multiple access
USE frequency division multiple access
\+ OFDM modulation

orthogonal frequency division multiplexing
USE OFDM modulation

orthogonaler Code
DEU for orthogonal codes

orthogonales Frequenzmultiplexverfahren
DEU for OFDM modulation

orthogonalised plane wave calculations
USE OPW calculations

orthogonalized plane wave calculations
USE OPW calculations

orthopaedics
BT medicine
SY *orthopedics*
UF *skeleton / bone + orthopaedics*
UF *spine / bone + neurophysiology + orthopaedics*
RT bioceramics
biomechanics
biomedical materials
bone
patient rehabilitation
patient treatment
prosthetics
surgery
DEU Orthopädie

Orthopädie
DEU for orthopaedics

orthopedics
USE orthopaedics

orthosis
USE orthotics

orthotics
UF *orthodontics / dentistry* + *orthotics*
SY *orthosis*
PT biomedical equipment
RT biomedical engineering
biomedical equipment
biomineralisation
geriatrics
handicapped aids
medical control systems
neuromuscular stimulation
patient rehabilitation
prosthetics
sensory aids
DEU Orthodik

Ortungsverfahren
DEU for position finding

Os (chemical element)
USE osmium
DEU Os (chemisches Element)

Os (chemisches Element)
DEU for Os (chemical element)

OS (computers)
USE operating systems (computers)

Osborne computers
BT digital computers
PT microcomputers
RT microcomputers
DEU Osborne-Computer

Osborne-Computer
DEU for Osborne computers

oscillating flow
USE fluid oscillations

oscillations
NT circuit oscillations
electromagnetic oscillations
fluid oscillations
harmonic oscillators
pendulums
piezoelectric oscillations

plasma oscillations
SY *mechanical oscillations*
RT bifurcation
dynamics
harmonics
overhead line mechanical characteristics
resonance
resonators
stability
vibrations
waves
DEU Oszillation
DSY Pendeln
Schwingung

oscillator strengths
BT spectra (general)
SY *f-values*
PT spectra
RT Judd-Ofelt theory
DEU Oszillatorkraft
DSY Oszillatorstärke

oscillators
BT networks (circuits)
NT audio-frequency oscillators
backward wave oscillators
dielectric resonator oscillators
feedback oscillators
Gunn oscillators
harmonic oscillators (circuits)
IMPATT oscillators
injection locked oscillators
parametric oscillators
phase locked oscillators
radiofrequency oscillators
relaxation oscillators
tunnel diode oscillators
variable-frequency oscillators
voltage-controlled oscillators
RT automatic frequency control
carcinotrons
cavity resonators
Chua's circuit
current conveyors
flip-flops
frequency stability
frequency synthesizers
harmonic generation
klystrons
LC circuits
magnetrons
masers
mixers (circuits)
multivibrators
negative resistance
radio equipment
RC circuits
resonators
semiconductor devices
transceivers
transmitters
tuning
DEU Oszillator
DSY Schwingkreis

oscillograms
USE oscillographs

oscillographs
BT recorders
SY *oscillograms*
RT cathode-ray oscilloscopes
time measurement
DEU Oszillograph

oscilloscopes
BT display instrumentation
NT cathode-ray oscilloscopes
digital storage oscilloscopes
PT cathode-ray oscilloscopes
RT display devices
DEU Oszilloskop

oscilloscopes, cathode-ray
USE cathode-ray oscilloscopes

OSHA legislation
USE legislation
\+ occupational health
\+ occupational safety

OSI
USE open systems

osmium
BT transition metals
SY *Os (chemical element)*
RT osmium alloys
osmium compounds
DEU Osmium

osmium alloys
BT transition metal alloys
PT osmium compounds
RT osmium
osmium compounds
DEU Osmiumlegierung

osmium compounds
BT transition metal compounds
RT osmium
osmium alloys
DEU Osmiumverbindung

Osmiumlegierung
DEU for osmium alloys

Osmiumverbindung
DEU for osmium compounds

Osmium
DEU for osmium

Osmose
DEU for osmosis

osmosis
BT diffusion
NT reverse osmosis
UF *electroosmosis / electrophoresis + osmosis*
SY *osmotic pressure*
RT biomembrane transport
membranes
permeability
solutions
DEU Osmose

osmotic pressure
USE osmosis

osmotischer Druck
DUS für pressure

osteology
USE bone

Oszillation
DEU for oscillations

Oszillator
DEU for oscillators

Oszillatorkraft
DEU for oscillator strengths

Oszillatorstärke
DUS für oscillator strengths

Oszillograph
DEU for oscillographs

Oszilloskop
DEU for oscilloscopes

OTA
USE operational amplifiers

OTDR
USE optical time-domain reflectometry

OTEC
USE ocean thermal energy conversion

OTF
USE optical transfer function

otology
USE ear

otons
USE black holes

Otto cycle
BT thermodynamic cycles
PT heat engines
RT direct energy conversion
heat engines
internal combustion engines
DEU Gleichraumprozess
DSY Otto-Zyklus

Otto-Zyklus
DUS für Otto cycle

outgassing
BT vacuum techniques
PT desorption
vacuum techniques
RT desorption
DEU Ausgasen

output feedback
USE feedback

outsourcing
BT management
PT management
RT contracts
globalisation
software houses
subcontracting
DEU Outsourcing (Management)

Outsourcing (Management)
DEU for outsourcing

Ovalmesser
DUS für ellipsometers

ovens
BT domestic appliances
NT microwave ovens
RT electric heating
furnaces
gas appliances
heating
induction heating
DEU Ofen

overcurrent
DEU Überstrom

overcurrent protection
BT protection
NT electric fuses
RT current limiters
fault current limiters
power distribution protection
power system protection
power transmission protection
superconducting fault current limiters
DEU Überstromschutz

Overhausen-Effekt
DEU for Overhauser effect

Overhauser effect
BT dynamic nuclear polarisation
PT INDOR
RT nuclear Overhauser effect
DEU Overhausen-Effekt

overhead line conductors
BT conductors (electric)
RT de-icing
power overhead lines
DEU Freileitungsleistung
DSY Freileitungsleiter
Freileitungsstromleiter

overhead line mechanical characteristics
BT mechanical properties
power overhead lines
SY *galloping, overhead lines*
overhead line sagging
sagging, overhead lines
RT oscillations
poles and towers
vibrations
DEU mechanische Eigenschaften von Oberleitungen
DSY Oberleitungseigenschaften (mechanisch)

overhead line sagging
USE overhead line mechanical characteristics

overhead lines
DEU Freileitung

overhead lines, power
USE power overhead lines

overhead lines, telecommunication
USE telecommunication transmission lines

overlay networks
BT telecommunication networks
RT computer networks
delay tolerant networks
Internet
multicast communication
peer-to-peer computing
quality of service
telecommunication network routing
telecommunication network topology
DEU Überlagerungsnetz

overseas investment
USE international finance
\+ investment

overviews
USE reviews

overvoltage
BT electric potential
electrical faults
RT overvoltage protection
surge protection
surges
transients
voltage distribution
DEU Überspannung (elektrisch)

overvoltage protection
BT protection
NT snubbers
RT arresters
insulation co-ordination
overvoltage
power distribution protection
power system protection
power transmission protection
DEU Überspannungsschutz

OWL
USE knowledge representation languages

oxidation
BT chemical reactions
NT combustion
SY *LOCOS*
UF *rapid thermal oxidation / oxidation + rapid thermal processing*
UF *redox (reactions) / oxidation + reduction (chemical)*

RT anodisation
corrosion
environmental degradation
isolation technology
nitridation
passivation
rapid thermal processing
reduction (chemical)
semiconductor technology
surface chemistry
surface treatment
DEU Oxydation

oxide coated cathodes
BT cathodes
DEU Oxidkathode

oxide isolation technology
USE isolation technology

Oxidkathode
DEU for oxide coated cathodes

oximetry
BT biomedical measurement
chemical variables measurement
PT biomedical measurement
blood
RT bio-optics
blood
oxygen
patient monitoring
DEU Oxymetrie

oxy welding
USE oxy-fuel welding

oxy-fuel welding
BT welding
SY *flame welding*
gas welding
oxy welding
oxyacetylene welding
PT welding
RT flames
DEU Termitschweißen

oxyacetylene welding
USE oxy-fuel welding

Oxydation
DEU for oxidation

oxygen
BT non-metals
NT ozone
SY *O (chemisches Element)*
RT oximetry
oxygen compounds
DEU Sauerstoff

oxygen compounds
BT inorganic compounds
SY *hydroxyl group*
RT oxygen
DEU Sauerstoffverbindung

oxygen VI sequence stars
USE planetary nebulae
\+ Wolf-Rayet stars

Oxymetrie
DEU for oximetry

ozeanische Erdkruste
DEU for oceanic crust

Ozeanografie
DEU for oceanography

ozeanografische Ausrüstung
DEU for oceanographic equipment

ozeanografische Region
DUS für oceanographic regions

ozeanografische Technik
DEU for oceanographic techniques

ozeanografische Technologie
DUS für oceanographic techniques

ozeanografisches Verfahren
DUS für oceanographic techniques

Ozeanographie
DUS für oceanography

ozeanographische Ausrüstung
DUS für oceanographic equipment

ozeanographische Region
DUS für oceanographic regions

ozeanographische Technik
DUS für oceanographic techniques

ozeanographische Technologie
DUS für oceanographic techniques

ozeanographisches Verfahren
DUS für oceanographic techniques

Ozeanwelle
DUS für ocean waves

Ozon
DEU for ozone

ozonation (materials processing)
BT manufacturing processes
SY *ozone treatment*
RT antibacterial activity
bleaching (materials processing)
chemical technology
decontamination
food safety
ozone generators
pharmaceutical technology
sterilisation (microbiological)
wastewater treatment
water treatment
DEU Ozonung (Werkstoff)

ozone
BT oxygen
SY *O3 (Ozone)*
RT ozone generators
DEU Ozon

ozone generators
BT production equipment
SY *ozonisers*
ozonizers
RT corona
discharges (electric)
gas-discharge tubes
ozonation (materials processing)
ozone
plasma applications
plasma devices
ultraviolet sources
DEU Ozongenerator

ozone treatment
USE ozonation (materials processing)

Ozongenerator
DEU for ozone generators

ozonisers
USE ozone generators

ozonizers
USE ozone generators

ozonosphere
USE stratosphere

Ozonung (Werkstoff)
DEU for ozonation (materials processing)

P (chemical element)
USE phosphorus
DEU P (chemisches Element)

P (chemisches Element)
DEU for P (chemical element)

P Cyg stars
USE supergiant stars
\+ variable stars

P invariance
SY *parity conservation*
RT conservation laws
discrete symmetries
parity
weak interactions (atomic physics)
weak interactions (molecular physics)
DEU P-Invarianz

P invariance (atoms)
USE weak interactions (atomic physics)

P invariance (molecules)
USE weak interactions (molecular physics)

P systems
USE biocomputing

p-branes
USE membrane theory

p-i-n diodes
BT semiconductor diodes
NT p-i-n photodiodes
SY *PIN diodes*
PT semiconductor diodes
RT photodiodes
UHF diodes
DEU pin-Diode

p-i-n photodiodes
BT p-i-n diodes
photodiodes
SY *PIN photodiodes*
PT p-i-n diodes
photodiodes
RT infrared detectors
integrated optoelectronics
optical receivers
photodetectors

DEU pin-Photodiode

P-Invarianz
DEU for P invariance

p-n heterojunctions
BT p-n junctions
semiconductor heterojunctions
PT semiconductor junctions
DEU p-n-Heteroübergang

p-n homojunctions
USE p-n junctions

p-n junctions
BT semiconductor junctions
NT p-n heterojunctions
SY *p-n homojunctions*
DEU p-n-Übergang

p-n-Heteroübergang
DEU for p-n heterojunctions

p-n-Übergang
DEU for p-n junctions

P-Regelung
DEU for proportional control

P-V-T relations
USE equations of state

P2P computing
USE peer-to-peer computing

P²CMOS
USE CMOS integrated circuits

Pa (chemical element)
USE protactinium
DEU Pa (chemisches Element)

Pa (chemisches Element)
DEU for Pa (chemical element)

PaaS
USE cloud computing

PABX
USE private telephone exchanges

PAC
USE perturbed angular correlation

pacemakers
BT biomedical electronics
prosthetics
RT cardiology
defibrillators
patient treatment
DEU Herzschrittmacher

pacemakers (light)
USE circadian rhythms

Pacht
DUS für rental

packages (software)
USE software packages

packaging
NT bagging
baling
bottling
canning
electronics packaging
labelling (packaging)
plastic packaging
strapping
wrapping
SY *enclosures*
housings
RT adhesives
cartons
corrosion protection
encapsulation
filling
materials handling
modules
moulding
packaging machines
DEU Aufmachung
DSY Gebinde
Kapseln (Elektrotechnik)
Konfektionieren
Packmaterial
Packmittel
Verpacken
Verpackung

packaging machines
BT production equipment
RT packaging
DEU Verpackungsmaschine

Packeis
DEU for sea ice

Packer
DEU for grippers

packet radio networks
BT radio networks
NT ad hoc networks
UF *general packet radio service / cellular radio + packet radio*

networks
UF *GPRS / cellular radio + packet radio networks*
PT packet switching
radio networks
RT 3G mobile communication
4G mobile communication
Bluetooth
digital radio
packet reservation multiple access
packet switching
personal area networks
routing protocols
wireless sensor networks
DEU Paketfunknetz

packet reservation multiple access
BT access protocols
multi-access systems
SY *PRMA*
PT multi-access systems
protocols
RT mobile radio
packet radio networks
packet switching
DEU Packet Reservation Multiple Access (PRMA)
DSY Paketreservierungsmehrfachzugriff
PRMA (Packet Reservation Multiple Access)

Packet Reservation Multiple Access (PRMA)
DEU for packet reservation multiple access

packet switch node
USE packet switching

packet switching
BT time division multiplexing
NT frame relay
multiprotocol label switching
SY *fast packet switching*
packet switch node
PT time division multiplexing
RT asynchronous transfer mode
computer networks
data communication
electronic messaging
multicast communication
multistage interconnection networks
network-on-chip
optical burst switching
packet radio networks
packet reservation multiple access
photonic switching systems
statistical multiplexing
visual communication
DEU Paketvermittlung
DSY IEEE 802.12
Paketvermittlungsprotokoll
Paketvermittlungssystem
Paketvermittlungstechnik

packing (operations research)
USE bin packing

Packmaterial
DUS für packaging

Packmittel
DUS für packaging

PACS
BT biomedical communication
medical information systems
visual databases
SY *picture archiving and communication systems*
RT computer communications software
computer networks
diagnostic radiography
electronic health records
medical image processing
radiology
telemedicine
DEU Bildarchivierungs- und Kommunikationssystem

paediatrics
BT medicine
SY *child medicine*
pediatrics
RT obstetrics
patient diagnosis
patient treatment
DEU Pädiatrie

Pädiatrie
DEU for paediatrics

PAFC
USE phosphoric acid fuel cells

page description languages
BT document handling
NT hypermedia markup languages
SY *GML*
PostScript
SGML
PT desktop publishing
high level languages
RT desktop publishing
high level languages

DEU Seitenbeschreibungssprache

paged storage
BT virtual storage
SY *paging (storage)*
PT virtual storage
DEU Paging-Speicher
DSY seitenorganisierter Speicher

paging (storage)
USE paged storage

paging communication
BT mobile radio
SY *paging, radio*
radiopaging
PT mobile radio systems
DEU Seitenkommunikation

paging, radio
USE paging communication

Paging-Speicher
DEU for paged storage

Pahase-Raum-Methode
DEU for phase space methods

painting
BT coating techniques
RT paints
surface treatment
DEU Anmahlen
DSY Anstreichen
Farbauftragen

paints
BT chemical products
decorative coatings
materials
PT decorative coatings
RT enamels
lacquers
painting
pigments
protective coatings
varnish
DEU Farbüberzug

pair algebra
USE algebra

pair annihilation, electron
USE electron-positron inclusive interactions

pair breaking, Cooper
USE Cooper pairs

pair natural orbital calculations
USE PNO calculations

pair production, electron
USE electron pair production

pairs, electron
USE electron pairs

Paketfunknetz
DEU for packet radio networks

Paketreservierungsmehrfachzugriff
DUS für packet reservation multiple access

Paketvermittlung
DEU for packet switching
packet switching

Paketvermittlungsprotokoll
DUS für packet switching

Paketvermittlungssystem
DUS für packet switching

Paketvermittlungstechnik
DUS für packet switching

PAL
USE programmable logic arrays

PAL programming
USE PLD programming

palaeoatmosphere
USE terrestrial atmosphere

palaeoclimatology
USE terrestrial atmosphere

palaeomagnetism
BT geomagnetism
SY *archaeomagnetism*
archeomagnetism
UF *geomagnetic reversals / geomagnetic variations + palaeomagnetism*
SY *paleomagnetism*
PT rock magnetism
RT rock magnetism
DEU Paläomagnetismus

Paläomagnetismus
DEU for palaeomagnetism

Paläontologie
DEU for palaeontology

palaeontology
SY *fossils*
paleontology
PT geology
RT geochronology
stratigraphy
DEU Paläontologie

palaeorecords
USE proxy records (geophysical)

paleomagnetism
USE palaeomagnetism

paleontology
USE palaeontology

paleorecords
USE proxy records (geophysical)

Palettisierung
DEU for palletising

palladium
BT transition metals
SY *Pd (chemical element)*
RT palladium alloys
palladium compounds
DEU Palladium

palladium alloys
BT transition metal alloys
PT palladium compounds
RT palladium
palladium compounds
DEU Palladiumlegierung

palladium compounds
BT transition metal compounds
RT palladium
palladium alloys
DEU Palladiumverbindung

Palladiumlegierung
DEU for palladium alloys

Palladiumverbindung
DEU for palladium compounds

Palladium
DEU for palladium

palletising
BT materials handling
SY *palletizing*
pallets
RT flexible manufacturing systems
materials handling equipment
DEU Palettisierung

palletizing
USE palletising

pallets
USE palletising

palm print recognition
USE palmprint recognition

palm vein recognition
USE vein recognition

palmprint recognition
BT biometrics (access control)
image recognition
SY *hand recognition*
palm print recognition
PT biometrics (access control)
image recognition
RT feature extraction
fingerprint identification
image matching
vein recognition
DEU Palmprinterkennung

Palmprinterkennung
DEU for palmprint recognition

palmtop computers
USE notebook computers

PAM
USE pulse amplitude modulation

pan-European radio
USE cellular radio
\+ digital radio

Pantograph
DEU for pantographs

pantographs
BT current collecting equipment
traction current collection
DEU Pantograph

Panzer
DEU for armour

paper
BT organic insulating materials
RT business forms
impregnated insulation
paper industry
paper products
paper pulp
paper technology
DEU Papier

paper industry
BT manufacturing industries
SY *pulp industry*
RT drying
flotation (process)
paper
paper making
paper making machines
paper mills
wood processing
DEU Papierindustrie

paper making
BT manufacture
PT paper industry
RT bleaching (materials processing)
paper industry
paper making machines
paper technology
pulp manufacture
sizing (materials processing)
DEU Papierherstellung

paper making machines
BT production equipment
PT paper industry
RT calenders
paper industry
paper making
DEU Papiermaschine

paper mills
BT production facilities
PT paper industry
RT industrial plants
paper industry
DEU Papierfabrik
DSY Papiermühle

paper products
BT manufactured products
SY *wallpaper*
PT paper
RT office products
paper
DEU Papiererzeugnis
DSY Papierware

paper pulp
BT manufactured products
materials
RT paper
pulp manufacture
DEU Papierpulpe

paper technology
BT technology
PT paper industry
paper
RT paper
paper making
sizing (materials processing)
DEU Papiertechnik
DSY Papiertechnologie

Papier
DEU for paper

Papiererzeugnis
DEU for paper products

Papierfabrik
DEU for paper mills

Papierherstellung
DEU for paper making

Papierindustrie
DEU for paper industry

Papiermaschine
DEU for paper making machines

Papiermühle
DUS für paper mills

Papierpulpe
DEU for paper pulp

Papiertechnik
DEU for paper technology

Papiertechnologie
DUS für paper technology

Papierware
DUS für paper products

parabolic equations
BT equations
PT differential equations
RT differential equations
DEU parabolische Gleichung

parabolische Gleichung
DEU for parabolic equations

parachutes
BT shapes (structures)
RT aerodynamics
aerospace components
deployable structures
drag
entry, descent and landing (spacecraft)
flexible structures
inflatable structures
DEU Fallschirm
DSY Gleitschirm

paraelectric materials
USE dielectric materials

paraelectric resonance
USE dielectric resonance

parallax, stellar
USE astrometry

parallel algorithms
BT distributed algorithms
parallel processing
UF *systolic algorithms / parallel algorithms + systolic arrays*
PT parallel processing
RT algorithm theory
concurrency theory
parallel architectures
parallel machines
parallel programming
sequential codes
DEU Parallelalgorithmus

parallel architectures
BT computer architecture
parallel processing
NT systolic arrays
SY *CUDA*
UF *very long instruction word machines / instruction sets + multiprocessing systems + parallel architectures + parallel machines*
UF *VLIW machines / instruction sets + multiprocessing systems + parallel architectures + parallel machines*
PT computer architecture
parallel processing
RT data flow computing
hypercube networks
multistage interconnection networks
neural net architecture
optical neural nets
parallel algorithms
parallel machines
parallel programming
sequential codes
DEU Parallelarchitektur

parallel databases
BT distributed databases
parallel processing
PT distributed databases
DEU Paralleldatenbank

parallel languages
BT high level languages
parallel processing
NT Occam
SY *data flow languages*
UF *High Performance FORTRAN / FORTRAN + parallel languages*
UF *HPF / FORTRAN + parallel languages*
PT high level languages
RT parallel programming
DEU Parallelsprache (Programmierung)

parallel machines
BT digital computers
parallel processing
UF *supercomputers / mainframes + parallel machines*
UF *very long instruction word machines / instruction sets + multiprocessing systems + parallel architectures + parallel machines*
UF *VLIW machines / instruction sets + multiprocessing systems + parallel architectures + parallel machines*
PT digital computers
parallel processing
RT Cray computers
parallel algorithms
parallel architectures
parallel programming
DEU Superrechner

parallel memories
BT memory architecture
PT memory architecture
RT digital storage
parallel processing
DEU Parallelspeicher

parallel plate waveguides
BT waveguides
PT waveguide theory
waveguides
RT waveguide theory
DEU Parallelplattenlichtfilter

parallel processing
BT distributed processing
NT data flow computing
parallel algorithms
parallel architectures
parallel databases
parallel languages
parallel machines
parallel programming
SY *array processors*
high performance computing
HPC (computing)
MIMD computers
SIMD computers
RT associative processing
concurrency control
digital computers
graphics processing units
multiprocessing programs
multiprocessing systems
multiprocessor interconnection networks
parallel memories
pipeline processing
symbolic substitution
transputers
DEU Parallelverarbeitung

parallel programming
BT distributed programming
parallel processing
NT multi-threading
SY *parallel software*
speculative computation
PT parallel processing
programming
RT concurrency control
concurrency theory
Occam
parallel algorithms
parallel architectures
parallel languages
parallel machines
DEU parallele Programmierung
DSY Parallelprogrammierung

parallel software
USE parallel programming

Parallelalgorithmus
DEU for parallel algorithms

Parallelarchitektur
DEU for parallel architectures

Paralleldatenbank
DEU for parallel databases

parallele Programmierung
DEU for parallel programming

Parallelisierungscompiler
DEU for parallelising compilers

parallelising compilers
BT program compilers
SY *parallelizing compilers*
PT program compilers
DEU Parallelisierungscompiler

parallelizing compilers
USE parallelising compilers

Parallelplattenlichtfilter
DEU for parallel plate waveguides

Parallelprogrammierung
DUS für parallel programming

Parallelprozessor-Ablaufproblem
DUS für processor scheduling

Parallelprozessor-Scheduling
DUS für processor scheduling

Parallelprozessor-Zeitplanung
DUS für processor scheduling

Parallelspeicher
DEU for parallel memories

Parallelsprache (Programmierung)
DEU for parallel languages

Parallelverarbeitung
DEU for parallel processing

Parallelverarbeitungssystem
DUS für multiprocessing systems

paramagnetic Curie temperature
USE Curie temperature

paramagnetic materials
BT magnetic materials
paramagnetism
PT paramagnetic properties of

substances
RT paramagnetic resonance
DEU paramagnetischer Stoff

paramagnetic resonance
BT magnetic resonance
NT acoustic paramagnetic resonance
biological EPR
CESR
EPR imaging
EPR line breadth
EPR spectrometers
EPR spectroscopy
spin echo (EPR)
SY *electron paramagnetic resonance*
electron spin resonance
EPR
EPR spectra
ESR
saturation transfer
RT CIDEP
colour centres
ELDOR
electron spin-lattice relaxation
microwave spectra
paramagnetic materials
paramagnetism
spin-spin relaxation
DEU paramagnetische Resonanz

paramagnetic resonance imaging
USE EPR imaging

paramagnetic resonance of conduction electrons
USE CESR

paramagnetic resonance spectrometers
USE EPR spectrometers

paramagnetic resonance spectroscopy
USE EPR spectroscopy

paramagnetic-antiferromagnetic transitions
BT magnetic transitions
SY *antiferromagnetic-paramagnetic transitions*
PT magnetic transitions of substances
RT Neel temperature
DEU paramagnetischer-antiferromagnetischer Übergang

paramagnetic-ferromagnetic transitions
USE ferromagnetic-paramagnetic transitions

paramagnetische Resonanz
DEU for paramagnetic resonance

paramagnetischer Elektronenresonanz-Bilderzeugung
DUS für EPR imaging

paramagnetischer Elektronenresonanz-Bildgebung
DUS für EPR imaging

paramagnetischer Stoff
DEU for paramagnetic materials

paramagnetischer-antiferromagnetischer Übergang
DEU for paramagnetic-antiferromagnetic transitions

paramagnetism
BT magnetism
NT paramagnetic materials
UF *Curie-Weiss law / magnetic susceptibility + paramagnetism*
RT paramagnetic resonance
spin dynamics
spin fluctuations
DEU Paramagnetismus

Paramagnetismus
DEU for paramagnetism

parameter estimation
BT identification
NT amplitude estimation
channel estimation
delay estimation
direction-of-arrival estimation
frequency estimation
maximum likelihood estimation
phase estimation
power system parameter estimation
recursive estimation
time-of-arrival estimation
SY *parameter identification*
PT identification
RT adaptive estimation
array signal processing
autoregressive moving average processes
autoregressive processes
estimation theory
expectation-maximisation algorithm
higher order statistics
moving average processes
nonlinear estimation

sequential estimation
DEU Parameterschätzung

parameter identification
USE parameter estimation

parameter space methods
BT control theory
RT control system analysis
control system synthesis
state-space methods
DEU Parameterraummethode

Parameterhaufennetzwerk
DUS für lumped parameter networks

Parameterklumpennetzwerk
DUS für lumped parameter networks

Parameterraummethode
DEU for parameter space methods

Parameterschätzung
DEU for parameter estimation

parametric amplifiers
BT amplifiers
parametric devices
NT microwave parametric amplifiers
optical parametric amplifiers
UF *acoustic parametric amplifiers / acoustic parametric devices + parametric amplifiers*
RT acoustic parametric devices
time-varying networks
varactors
DEU parametrischer Verstärker

parametric devices
NT acoustic parametric devices
microwave parametric devices
optical parametric devices
parametric amplifiers
parametric oscillators
RT masers
DEU parametrisches Gerät

parametric instability
BT plasma instability
PT plasma instability
RT plasma confinement
plasma fluctuations
plasma oscillations
DEU parametrische Instabilität

parametric method 3
USE PM3 calculations

parametric oscillators
BT oscillators
parametric devices
NT microwave parametric oscillators
optical parametric oscillators
UF *acoustic parametric oscillators / acoustic parametric devices + parametric oscillators*
SY *parametrons*
RT acoustic parametric devices
DEU parametrischer Oszillator

parametrische Instabilität
DEU for parametric instability

parametrische Mikrowellenoszillator
DEU for microwave parametric oscillators

parametrischer optischer Oszillator
DEU for optical parametric oscillators

parametrischer Oszillator
DEU for parametric oscillators

parametrischer Verstärker
DEU for parametric amplifiers

parametrisches Gerät
DEU for parametric devices

parametrisierbarer Mikrowellenverstärker
DEU for microwave parametric amplifiers

parametrisierbares Mikrowellenbauelement
DEU for microwave parametric devices

parametrisierbares Mikrowellengerät
DUS für microwave parametric devices

parametrons
USE parametric oscillators

parcel post
USE postal services

Pareto analysis
BT statistical analysis
NT Pareto optimisation
PT Pareto distribution
RT cause-effect analysis
Pareto distribution
quality management
DEU Pareto-Analyse

Pareto distribution
BT statistical distributions
PT probability
statistical analysis
RT game theory
Pareto analysis
Pareto optimisation
statistical analysis
DEU Pareto-Verteilung

Pareto optimisation
BT optimisation
Pareto analysis
PT optimisation
Pareto distribution
RT genetic algorithms
Pareto distribution
DEU Pareto-Optimierung

Pareto-Analyse
DEU for Pareto analysis

Pareto-Optimierung
DEU for Pareto optimisation

Pareto-Verteilung
DEU for Pareto distribution

Pariser-Parr-Pople calculations
USE PPP calculations

Parität
DUS für parity

Paritätsprüfcode
DEU for parity check codes

parity
NT elementary particle parity
nuclear parity
RT discrete symmetries
P invariance
quantum theory
weak interactions (atomic physics)
weak interactions (molecular physics)
DEU Gebärfähigkeit (medizinisch)
DSY Geradzahligkeit
Gleichheit
Parität
Pariwert
Übereinstimmung
Umrechnungskurs
Wechselkursverhältnis

parity check codes
BT codes
SY *LDPC codes*
low density parity check codes
PT error correction codes
error detection codes
RT block codes
concatenated codes
decoding
error correction codes
error detection codes
DEU Paritätsprüfcode

parity conservation
USE P invariance

parity nonconservation (atoms)
USE weak interactions (atomic physics)

parity nonconservation (molecules)
USE weak interactions (molecular physics)

Pariwert
DUS für parity

parking control
USE traffic control

parsers
USE grammars

parsing
USE grammars
\+ program compilers

partial differential equations
BT differential equations
NT Laplace equations
Navier-Stokes equations
Poisson equation
shallow water equations
wave equations
PT differential equations
RT boundary-value problems
eigenvalues and eigenfunctions
multidimensional systems
reaction-diffusion systems
DEU partielle Differentialgleichung
DSY partielle Differenzialgleichung

partial discharge measurement
BT charge measurement
partial discharges
PT charge measurement
insulation testing
partial discharges

RT cable insulation
insulating materials
insulation testing
machine insulation
substation insulation
switchgear insulation
transformer insulation
DEU Messen der partiellen Entladung

partial discharges
BT discharges (electric)
NT partial discharge measurement
SY *discharges (partial)*
PT discharges (electric)
RT dielectric-barrier discharges
DEU Teilentladung

partial evaluation (compilers)
BT program compilers
PT program compilers
RT logic programming
DEU partielle Bewertung (Compiler)
DSY partielle Prüfung (Compiler)
Teilprüfung (Compiler)

partial response channels
BT telecommunication channels
PT telecommunication channels
RT digital magnetic recording
magnetic recording
telecommunication signalling
DEU geteilter Empfangskanal
DSY Partial-Response-Kanal
Teilantwortkanal
Teilempfangskanal
unvollständiger Antwortkanal

Partial-Response-Kanal
DUS für partial response channels

Partialdruck
DUS für pressure

Partialdrucksensor
DUS für pressure sensors

particle accelerator accessories
RT cyclic accelerators
linear colliders
particle accelerators
plasma betatrons
wakefield accelerators
DEU Partikelbeschleunigerzubehör
DSY Teilchenbeschleunigerzubehör

particle accelerators
NT accelerator cavities
accelerator control systems
accelerator magnets
accelerator RF systems
booster injectors
colliding beam accelerators
cyclic accelerators
electron accelerators
electron ring accelerators
electrostatic accelerators
ion accelerators
linear accelerators
particle beam fusion accelerators
proton accelerators
SY *accelerators (particle)*
RT beam handling equipment
beam handling techniques
elementary particles
focusing
ion sources
particle accelerator accessories
particle beam diagnostics
particle beams
particle optics
voltage multipliers
DEU Partikelbeschleuniger
DSY Teilchenbeschleuniger

particle backscattering
BT backscatter
NT electron backscattering
Rutherford backscattering
UF *beta-ray scattering / beta-ray effects + collision processes + energy loss of particles + particle backscattering + potential scattering + transport processes*
UF *particle scattering / collision processes + energy loss of particles + particle backscattering + particle beams + potential scattering + radiation effects + transport processes*
RT electron energy loss spectra
ion-surface impact
DEU Partikelrückstreuung
DSY Partikelrückwärtsstreuung
Teilchenrückstreuung
Teilchenrückwärtsstreuung

particle beam bunching
SY *bunched particle beams*
electron bunches
RT beam handling techniques
particle beam diagnostics
particle beam dynamics
particle beam stability

particle optics
DEU Partikelstrahlbündelung
DSY Partikelstrahlenbündelung
Teilchenstrahlbündelung
Teilchenstrahlenbündelung

particle beam diagnostics
SY *beam position monitors*
diagnostics, particle beam
PT particle accelerators
particle beams
RT beam handling equipment
beam handling techniques
particle accelerators
particle beam bunching
particle beam dynamics
particle beam stability
particle beams
particle optics
DEU Partikelstrahldiagnostik
DSY Partikelstrahlendiagnostik
Teilchenstrahldiagnostik
Teilchenstrahlendiagnostik

particle beam dynamics
RT electrodynamics
particle beam bunching
particle beam diagnostics
particle beams
particle optics
DEU Partikelstrahldynamik
DSY Partikelstrahlendynamik
Teilchenstrahldynamik
Teilchenstrahlendynamik

particle beam extraction
BT beam handling techniques
PT beam handling techniques
RT beam handling equipment
particle beams
particle optics
DEU Partikelstrahlenextraktion
DSY Partikelstrahlextraktion
Teilchenstrahlenextraktion
Teilchenstrahlextraktion

particle beam focusing
BT beam handling techniques
focusing
NT electron beam focusing
focused ion beam technology
PT beam handling techniques
focusing
RT beam handling equipment
particle beams
particle optics
DEU Partikelstrahlenfokussierung
DSY Partikelstrahlfokussierung
Partikelstrahlungsfokussierung
Teilchenstrahlenfokussierung
Teilchenstrahlfokussierung
Teilchenstrahlungsfokussierung

particle beam fusion accelerators
BT fusion reactor design
particle accelerators
PT fusion reactor theory and design
particle accelerators
RT fusion reactor ignition
plasma heating
DEU Fusionspartikelstrahlen-Beschleuniger
DSY Fusionspartikelstrahlenbeschleunig
er
Fusionspartikelstrahlungs-Beschleuniger
Fusionspartikelstrahlungsbeschleun
iger
Fusionsteilchen-Strahlenbeschleuniger
Fusionsteilchen-Strahlungsbeschleuniger
Fusionsteilchenstrahlenbeschleunig
er
Fusionsteilchenstrahlungsbeschleu
niger
Partikelstrahlen-Fusionsbeschleuniger
Partikelstrahlenfusionsbeschleunige
r
Partikelstrahlungs-Fusionsbeschleuniger
Partikelstrahlungsfusionsbeschleun
iger
Teilchenstrahlen-Fusionsbeschleuniger
Teilchenstrahlenfusionsbeschleunig
er
Teilchenstrahlungs-Fusionsbeschleuniger
Teilchenstrahlungsfusionsbeschleu
niger

particle beam injection
BT beam handling techniques
PT beam handling techniques
RT beam handling equipment
booster injectors
particle beams
particle optics
DEU Partikelstrahleninjektion
DSY Partikelstrahlinjektion
Teilchenstrahleninjektion
Teilchenstrahlinjektion

particle beam stability
BT stability
PT particle beam diagnostics
RT particle beam bunching
particle beam diagnostics
particle beams
particle optics
DEU Partikelstrahlenstabilität
DSY Partikelstrahlstabilität
Teilchenstrahlenstabilität
Teilchenstrahlstabilität

particle beams
NT atomic beams
electron beams
ion beams
molecular beams
neutron beams
proton beams
UF *particle scattering / collision processes* + *energy loss of particles* + *particle backscattering* + *particle beams* + *potential scattering* + *radiation effects* + *transport processes*
RT beam handling equipment
beam handling techniques
electrostatic lenses
particle accelerators
particle beam diagnostics
particle beam dynamics
particle beam extraction
particle beam focusing
particle beam injection
particle beam stability
particle optics
particle velocity analysis
DEU Partikelstrahl
DSY Partikelstrahlung
Teilchenstrahl
Teilchenstrahlung

particle boosters
USE booster injectors

particle calorimetry
BT calorimetry
radiation detection
PT calorimeters
calorimetry
RT calorimeters
DEU Partikelkalorimetrie
DSY Teilchenkalorimetrie

particle counters
USE counters

particle counting
PT air pollution
disperse systems
RT air pollution measurement
counters
disperse systems
microscopy
DEU Partikelzähler
DSY Teilchenzähler

particle decay
USE elementary particle decay

particle detectors
BT nuclear instrumentation
NT chemical radiation detectors
electron multiplier detectors
ionisation chambers
particle track visualisation
position sensitive particle detectors
radioactivity measuring apparatus
self-powered neutron detectors
streak cameras
superconducting particle detectors
SY *crystal counters*
UF *hodoscopes / cosmic ray apparatus* + *particle detectors*
SY *radiation detectors*
RT calorimeters
coincidence techniques
cosmic ray apparatus
counters
counting circuits
dosimeters
radiation detection
readout electronics
DEU Partikeldetektor
DSY Teilchendetektor

particle filtering (numerical methods)
BT filtering theory
numerical analysis
PT filtering theory
RT approximation theory
Bayes methods
hidden Markov models
Monte Carlo methods
probability
target tracking
tracking filters
DEU Partikelfilterung (numerische Methode)
DSY Teilchenfilterung (numerische Methode)

particle interferometers
USE particle interferometry

particle interferometry
BT interferometry
UF *atomic interferometry / atom optics + particle interferometry*
SY *electron interferometry*
neutron interferometry
particle interferometers
PT interferometry
particle optics
RT atom optics
particle optics
DEU Partikelinterferometrie
DSY Teilcheninterferometrie

particle lenses, electrostatic
USE electrostatic lenses

particle lenses, magnetic
USE magnetic lenses

particle models
USE elementary particle theory

particle optics
NT atom optics
electron optics
ion optics
RT aberrations
atomic beams
beam handling equipment
beam handling techniques
electric field effects
electrodynamics
electrostatic lenses
focusing
magnetic field effects
magnetic lenses
neutron beams
particle accelerators
particle beam bunching
particle beam diagnostics
particle beam dynamics
particle beam extraction
particle beam focusing
particle beam injection
particle beam stability
particle beams
particle interferometry
particle spectrometers
proton beams
DEU Partikeloptik
DSY Teilchenoptik

particle range
USE energy loss of particles

particle reinforced composites
BT composite materials
SY *metal matrix composites, particle reinforced*
PT composite materials
RT cermets
filled polymers
DEU partikelverstärkter Verbundstoff
DSY teilchenverstärkter Verbundstoff

particle scattering
USE collision processes
\+ energy loss of particles
\+ particle backscattering
\+ particle beams
\+ potential scattering
\+ radiation effects
\+ transport processes
DEU Teilchenstreuung

particle separators
BT particle spectrometers
DEU Partikelseparator
DSY Teilchenseparator

particle size
SY *size, particle*
RT crystal structure
disperse systems
nanoparticles
particle size measurement
powders
thickness measurement
DEU Partikelgröße
DSY Teilchengröße

particle size measurement
BT size measurement
PT mechanical variables
measurement
particle size
RT air pollution measurement
disperse systems
microscopy
Mie scattering
particle size
DEU Partikelgrößenmessung
DSY Teilchengrößenmessung

particle sources
NT antiproton sources
beta-ray sources
electron sources
ion sources
muon sources

neutrino sources
neutron sources
positron sources
proton sources
radioactive sources
RT particle traps
DEU Partikelquelle
DSY Teilchenquelle

particle spectrometers
BT spectrometers
NT alpha-particle spectrometers
beam choppers
beta-ray spectrometers
electron spectrometers
gamma-ray spectrometers
neutron spectrometers
particle separators
time of flight spectrometers
UF *scintillation spectrometers / particle spectrometers + scintillation counters*
RT particle optics
particle velocity analysis
X-ray spectrometers
DEU Partikel-Spektrometer
DSY Partikelspektrometer
Teilchen-Spektrometer
Teilchenspektrometer

particle swarm optimisation
BT optimisation
PT optimisation
RT ant colony optimisation
artificial intelligence
evolutionary computation
genetic algorithms
search problems
swarm intelligence
DEU Partikelschwarmoptimierung
DSY Teilchenschwarmoptimierung

particle track visualisation
BT particle detectors
NT bubble chambers
cloud chambers
nuclear track emulsions
solid-state nuclear track detectors
spark chambers
streamer chambers
SY *gas track detectors*
nuclear particle track visualisation
particle track visualization
track visualisation, particle
visualisation, particle track
RT counting circuits
particle tracks
DEU Partikelwegvisualisierung
DSY Teilchenwegvisualisierung

particle track visualization
USE particle track visualisation

particle tracks
SY *fission tracks*
tracks, particle
RT elementary particles
energy loss of particles
particle track visualisation
DEU Bahnspur
DSY Partikelspur
Teilchenspur

particle traps
SY *electromagnetic traps*
EM traps
ion traps
neutron bottles
neutron traps
Paul traps
Penning traps
radiofrequency traps
RF traps
traps (ion)
traps (neutron)
RT laser cooling
magnetic traps
particle sources
radiation pressure
trapped ions
DEU Partikelfalle
DSY Teilchenfalle

particle velocity analysis
RT atomic beams
energy loss of particles
ion mobility
mass spectrometers
molecular beams
particle beams
particle spectrometers
velocity measurement
DEU Partikelgeschwindigkeitsanalyse
DSY Teilchengeschwindigkeitsanalyse

particle-hole model
BT nuclear models
PT nuclear structure theory
RT nuclear structure theory
DEU Partikellochmodell
DSY Teilchenlochmodell

particles, elementary
USE elementary particles

particles, magnetic
USE magnetic particles

particulate magnetic media
USE magnetic particles

partielle Bewertung (Compiler)
DEU for partial evaluation (compilers)

partielle Differentialgleichung
DEU for partial differential equations

partielle Differenzialgleichung
DUS für partial differential equations

partielle Prüfung (Compiler)
DUS für partial evaluation (compilers)

Partikel-Spektrometer
DEU for particle spectrometers

Partikelbeschleuniger
DEU for particle accelerators

Partikelbeschleunigerzubehör
DEU for particle accelerator accessories

Partikeldetektor
DEU for particle detectors

Partikelenergieverlust
DEU for energy loss of particles

Partikelfalle
DEU for particle traps

Partikelfilterung (numerische Methode)
DEU for particle filtering (numerical methods)

Partikelgeschwindigkeitsanalyse
DEU for particle velocity analysis

Partikelgröße
DEU for particle size

Partikelgrößenmessung
DEU for particle size measurement

Partikelinterferometrie
DEU for particle interferometry

Partikelkalorimetrie
DEU for particle calorimetry

Partikellochmodell
DEU for particle-hole model

Partikeloptik
DEU for particle optics

Partikelquelle
DEU for particle sources

Partikelrückstreuung
DEU for particle backscattering

Partikelrückwärtsstreuung
DUS für particle backscattering

Partikelschwarmoptimierung
DEU for particle swarm optimisation

Partikelseparator
DEU for particle separators

Partikelspektrometer
DUS für particle spectrometers

Partikelspur
DUS für particle tracks

Partikelstrahl
DEU for particle beams

Partikelstrahlbündelung
DEU for particle beam bunching

Partikelstrahldiagnostik
DEU for particle beam diagnostics

Partikelstrahldynamik
DEU for particle beam dynamics

Partikelstrahlen-Fusionsbeschleuniger
DUS für particle beam fusion accelerators

Partikelstrahlenbündelung
DUS für particle beam bunching

Partikelstrahlendiagnostik
DUS für particle beam diagnostics

Partikelstrahlendynamik
DUS für particle beam dynamics

Partikelstrahlenextraktion
DEU for particle beam extraction

Partikelstrahlenfokussierung
DEU for particle beam focusing

Partikelstrahlenfusionsbeschleuniger
DUS für particle beam fusion accelerators

Partikelstrahleninjektion
DEU for particle beam injection

Partikelstrahlenstabilität
DEU for particle beam stability

Partikelstrahlextraktion
DUS für particle beam extraction

Partikelstrahlfokussierung
DUS für particle beam focusing

Partikelstrahlinjektion
DUS für particle beam injection

Partikelstrahlstabilität
DUS für particle beam stability

Partikelstrahlung
DUS für particle beams

Partikelstrahlungs-Fusionsbeschleuniger
DUS für particle beam fusion accelerators

Partikelstrahlungsfokussierung
DUS für particle beam focusing

Partikelstrahlungsfusionsbeschleuniger
DUS für particle beam fusion accelerators

Partikelverbund
DEU for composite particles

Partikelverbundmodell
DEU for composite particle models

partikelverstärkter Verbundstoff
DEU for particle reinforced composites

Partikelwegvisualisierung
DEU for particle track visualisation

Partikelzähler
DEU for particle counting

parton model
BT composite hadrons
UF *quark-parton model / parton model + quark models*
PT composite models of hadrons
DEU Parton-Modell

Parton-Modell
DEU for parton model

Pascal
BT high level languages
PT procedure oriented languages
RT Ada
Pascal listings
DEU Pascal (Programmiersprache)

Pascal (Programmiersprache)
DEU for Pascal

Pascal listings
BT complete computer programs
PT complete computer programs
RT Pascal
DEU Pascal-Programm

Pascal-Programm
DEU for Pascal listings

Paschen-Back effect
USE Zeeman effect

pass-band filters
USE band-pass filters

passivation
BT surface treatment
PT oxidation
protective coatings
RT anodisation
corrosion protective coatings
hydrogenation
oxidation
protective coatings
semiconductor technology
DEU Passivierung

passive circuits
USE passive networks

passive filters
BT filters
passive networks
NT surface acoustic wave filters
SY *Cauer filters*
RT resonator filters
superconducting filters
UHF resonators
DEU passives Filter

passive networks
BT networks (circuits)
NT passive filters
SY *passive circuits*
RT lattice networks

microwave circuits
DEU passives Netzwerk

passive optical networks
BT optical fibre subscriber loops
PT optical fibre networks
RT optical fibre LAN
optical fibre networks
wavelength division multiplexing
DEU passives optisches Netz

passive radar
BT radar
RT military radar
radar detection
radar imaging
radar signal processing
radar tracking
target tracking
DEU passives Radar

passive solar buildings
BT buildings (structures)
PT solar heating
solar power
space heating
RT solar chimneys
solar heating
solar power
space cooling
space heating
DEU Gebäude mit passiver Sonnenenergienutzung
DSY passive Solarbauten
passive Sonnenenergienutzung
passives Energiesparhaus (solar)
passives Solarenergiegebäude
passives Solarenergiehaus
passives Solargebäude
passives Sonnenenergiehaus

passive Solarbauten
DUS für passive solar buildings

passive Sonnenenergienutzung
DUS für passive solar buildings

passives Energiesparhaus (solar)
DUS für passive solar buildings

passives Filter
DEU for passive filters

passives Netzwerk
DEU for passive networks

passives optisches Netz
DEU for passive optical networks

passives Radar
DEU for passive radar

passives Solarenergiegebäude
DUS für passive solar buildings

passives Solarenergiehaus
DUS für passive solar buildings

passives Solargebäude
DUS für passive solar buildings

passives Sonnenenergiehaus
DUS für passive solar buildings

Passivierung
DEU for passivation

patch antennas
USE microstrip antennas

patents
BT industrial property
PT industrial property
RT copy protection
copyright
legislation
DEU Patentschrift

Patentschrift
DEU for patents

path control
USE position control

path planning
BT planning (artificial intelligence)
NT collision avoidance
SY *motion planning*
PT planning (artificial intelligence)
RT mobile robots
motion estimation
redundant manipulators
rescue robots
robot vision
SLAM (robots)
visual servoing
DEU Bahnführung
DSY Bahnplanung
Pfadplanung
Streckenplanung
Wegplanung

patient care
UF *medical care / health care + patient care*
SY *nursing*
PT hospital administration
medicine
RT assisted living
electronic health records
first aid
geriatrics
handicapped aids
health care
patient diagnosis
patient rehabilitation
telemedicine
DEU Patientenschutz

patient diagnosis
NT biomedical imaging
SY *diagnosis, patient*
medical diagnosis
RT biomedical engineering
biomedical measurement
computerised tomography
dentistry
diseases
electrocardiography
electroencephalography
electromyography
gynaecology
medical diagnostic computing
medical signal processing
obstetrics
paediatrics
patient care
patient treatment
phonocardiography
psychology
transcranial magnetic stimulation
X-ray applications
DEU Diagnostik
DSY Patientendiagnose

patient monitoring
BT monitoring
SY *medical monitoring*
RT assisted living
biomedical electronics
biomedical engineering
biomedical equipment
biomedical telemetry
biomedical ultrasonics
body area networks
body sensor networks
electrocardiography
electroencephalography
electromyography
medical signal processing
medicine
obstetrics
oximetry
patient treatment
phonocardiography
photoplethysmography
plethysmography
DEU Patientenbeobachtung
DSY Patientenüberwachung

patient rehabilitation
SY *medical rehabilitation*
UF *telerehabilitation / patient rehabilitation + telemedicine*
PT patient care
patient treatment
RT assisted living
geriatrics
handicapped aids
neuromuscular stimulation
orthopaedics
orthotics
patient care
patient treatment
prosthetics
sensory aids
DEU Patientenrehabilitation
DSY Rehabilitation (Patient)

patient therapy
USE patient treatment

patient treatment
NT drug delivery systems
first aid
gene therapy
neuromuscular stimulation
radiation therapy
surgery
ultrasonic therapy
SY *medical treatment*
patient therapy
treatment, patient
RT biomedical engineering
biomedical equipment
biomedical ultrasonics
catheters
circadian rhythms
defibrillators
dentistry
diseases
electronic health records
gynaecology
injuries
medicine
orthopaedics
pacemakers
paediatrics

patient diagnosis
patient monitoring
patient rehabilitation
tissue engineering
transcranial magnetic stimulation
wounds
X-ray applications
DEU Patientenbehandlung

Patientenbehandlung
DEU for patient treatment

Patientenbeobachtung
DEU for patient monitoring

Patientendiagnose
DUS für patient diagnosis

Patientenrehabilitation
DEU for patient rehabilitation

Patientenschutz
DEU for patient care

Patientenüberwachung
DUS für patient monitoring

pattern classification
BT pattern recognition
NT image classification
SY *classification, pattern*
classifiers (pattern recognition)
PT pattern recognition
RT feature selection
pattern clustering
signal classification
support vector machines
DEU Musterklassifikation
DSY Musterklassifizierung

pattern clustering
BT pattern recognition
UF *cluster analysis / pattern clustering + statistical analysis*
SY *clustering, pattern*
RT image segmentation
neural nets
pattern classification
DEU Musteranhäufung
DSY Musteranordnung
Mustergruppierung
Mustersammlung

pattern formation
SY *spontaneous pattern formation*
RT bifurcation
catalysis
chaos
convection
flow instability
fractals
nonlinear dynamical systems
nonlinear optics
reaction-diffusion systems
spatiotemporal phenomena
DEU Musterableitung
DSY Musterbildung
Mustergenerierung

pattern matching
BT pattern recognition
NT image matching
string matching
PT pattern recognition
DEU Musteranpassung

pattern recognition
NT character recognition
computer vision
feature extraction
feature selection
image recognition
object detection
object recognition
pattern classification
pattern clustering
pattern matching
radar target recognition
shape recognition
sonar target recognition
speech recognition
text detection
SY *computerised pattern recognition*
RT artificial immune systems
character recognition equipment
computer peripheral equipment
cybernetics
image processing
mathematical morphology
multidimensional digital filters
optical neural nets
pattern recognition equipment
sensor fusion
string matching
system theory
two-dimensional digital filters
wavelet transforms
DEU Mustererkennung
DSY Strukturerkennung
Zeichenerkennung

pattern recognition equipment
BT computer peripheral equipment
NT character recognition equipment
speech recognition equipment
PT computer peripheral equipment

computerised pattern recognition
pattern recognition
RT image processing equipment
pattern recognition
speech recognition
DEU Mustererkennungsausrüstung
DSY Mustererkennungsausstattung
Mustererkennungseinheit
Mustererkennungsgerät
Mustererkennungsscanner

Patterson diagrams
USE X-ray crystallography

Paul traps
USE particle traps

Pauli form factors
BT form factors (elementary particles)
form factors (nuclear)
PT form factors (elementary particles)
form factors (nuclear)
RT elementary particle coupling constants
EMC effect
nuclear charge
DEU Pauli-Formfaktor

Pauli-Formfaktor
DEU for Pauli form factors

pavements
USE roads
DEU Straßenbelag

payroll
USE salaries

payroll data processing
BT financial data processing
PT financial administrative data processing
RT salaries
DEU Payroll-Datenverarbeitung

Payroll-Datenverarbeitung
DEU for payroll data processing

Pb (chemical element)
USE lead
DEU Pb (chemisches Element)

Pb (chemisches Element)
DEU for Pb (chemical element)

Pb-acid batteries
USE lead acid batteries

PBT
USE permeable base transistors

PBT (Elektronik)
DEU for permeable base transistors

PBX
USE private telephone exchanges

PCA
USE principal component analysis

PCB
USE printed circuits

PCB accessories
USE printed circuit accessories

PCB design
USE printed circuit design

PCB layout
USE printed circuit layout

PCB manufacture
USE printed circuit manufacture

PCB testing
USE printed circuit testing

PCI (peripheral component interconnect)
USE peripheral interfaces

PCILO calculations
BT configuration interactions
NDO calculations
SY *perturbation configuration interaction using localised orbitals calculations*
PT NDO calculations
DEU PCILO-Berechnung
DSY PCILO-Kalkulation

PCILO-Berechnung
DEU for PCILO calculations

PCILO-Kalkulation
DUS für PCILO calculations

PCM
USE pulse code modulation

PCM (computing industry)
USE DP industry

PCM (materials)
USE phase change materials

PCM (Phase Change Memory)
DEU for phase change memories

PCM (Puls-Code-Modulation)
DEU for pulse code modulation

PCM links
USE pulse code modulation links

PCMCIA cards
USE memory cards

PCML (Puls-Code-Modulationsverbindung)
DEU for pulse code modulation links

PCN (Personal Communication Network)
DEU for personal communication networks

PCTE
USE programming environments

Pd (chemical element)
USE palladium
DEU Pd (chemisches Element)

Pd (chemisches Element)
DEU for Pd (chemical element)

PD control
BT proportional control
two-term control
SY *proportional + derivative control*
PT two-term control
DEU PD-Regelung

PD-Regelung
DEU for PD control

PDA
USE notebook computers

PDP computers
USE DEC computers

PDT
USE photodynamic therapy

peak detectors
BT detector circuits
PT detector circuits
RT sample and hold circuits
DEU Spitzendetektor
DSY Spitzenwert-Detektor
Spitzenwertdetektor

peaking circuits
USE differentiating circuits

pearlitic steel
USE steel

peculiar A stars
USE chemically peculiar stars
\+ magnetic stars

peculiar A supergiants
USE Magellanic Clouds
\+ supergiant stars

peculiar galaxies
USE galaxies

pedestrian traffic
USE pedestrians

pedestrians
BT traffic
SY *pedestrian traffic*
PT traffic
RT feature extraction
object detection
road safety
traffic control
traffic engineering computing
transportation
DEU Fußgänger

pediatrics
USE paediatrics

peel strength
USE adhesion

peer-to-peer computing
BT computer networks
SY *file sharing*
P2P computing
PT computer networks
distributed processing
RT overlay networks
workstation clusters
DEU Peer-to-Peer-Computeranwendung
DSY Peer-to-Peer-Rechneranwendung

Peer-to-Peer-Computeranwendung
DEU for peer-to-peer computing

Peer-to-Peer-Rechneranwendung
DUS für peer-to-peer computing

PEFC
USE proton exchange membrane fuel cells

Peierls instability
SY *Peierls transition*
PT metal-insulator transition
solid-state phase transformations
RT charge density waves
metal-insulator transition
one-dimensional conductivity
solid-state phase transformations
spin-Peierls transition
superconductivity
DEU Peierls-Instabilität

Peierls transition
USE Peierls instability

Peierls-Instabilität
DEU for Peierls instability

Pelletiermaschine
DUS für presses

Peltier effect
BT thermoelectricity
PT thermoelectricity
RT thermoelectric cooling
DEU Peltier-Effekt

Peltier-Effekt
DEU for Peltier effect

Pelton turbines
USE hydraulic turbines

PEM effect
USE photoelectromagnetic effects

PEM-Brennstoffzelle
DEU for proton exchange membrane fuel cells

PEMFC
USE proton exchange membrane fuel cells

pen computers
USE notebook computers

Pendellosung fringes
USE X-ray crystallography

Pendeln
DUS für oscillations

pendulums
BT oscillations
UF *inverted pendulums / nonlinear systems + pendulums*
RT gravitation
gravity
time measurement
DEU schwingende Masse

penetration (projectiles)
USE impact (mechanical)

penetration depth (superconductivity)
BT superconductivity
PT superconductivity
DEU Durchdringtiefe (Supraleitfähigkeit)
DSY Durchdringtiefe (Supraleitung)
Eindringtiefe (Supraleitfähigkeit)
Eindringtiefe (Supraleitung)

penguin corrections
USE Feynman diagrams

peniotrons
USE microwave tubes

Penning discharges
BT discharges (electric)
PT discharges (electric)
RT Penning ionisation
DEU Penning-Entladung

Penning ion sources
BT ion sources
PT ion sources
RT ion beams
Penning ionisation
DEU Penning-Ionenquelle

Penning ionisation
BT collision processes
ionisation
SY *Auger deexcitation*
Penning ionization
PT collision processes
ionisation
RT Penning discharges
Penning ion sources
DEU Penning-Ionisation

Penning ionization
USE Penning ionisation

Penning traps
USE particle traps

Penning-Entladung
DEU for Penning discharges

Penning-Ionenquelle
DEU for Penning ion sources

Penning-Ionisation
DEU for Penning ionisation

penny-shaped cracks
BT cracks
PT cracks
RT crack-edge stress field analysis
DEU kreisförmiger Riss

Penrose tiling
USE quasicrystals

pens (light)
USE light pens

pensions
BT remuneration
SY *occupational pensions*
personal pensions
stakeholder pensions
state pensions
PT financial data processing
RT employee welfare
financial data processing
government policies
investment
termination of employment
DEU Rentner

pentary algebra
USE algebra

Pentode
DEU for pentodes

pentodes
DEU Pentode

perception (hearing)
USE hearing

perception (visual)
USE visual perception

perceptrons
BT artificial intelligence
neural nets
NT multilayer perceptrons
PT artificial intelligence
neural nets
RT feedforward neural nets
learning (artificial intelligence)
DEU Perzeptron

percolation
PT electrical conduction in condensed matter
lattice theory and statistics
RT aggregation
electrical conductivity
lattice gas
lattice theory
Potts model
Toda lattice
DEU Einsickern

Perforierpresse
DUS für presses

performance evaluation
NT computer network performance evaluation
software performance evaluation
SY *computer performance evaluation*
PT computer testing
RT benchmark testing
capacity management (computers)
computational complexity
computer evaluation
computer selection
computer testing
equipment evaluation
power aware computing
program testing
queueing theory
time warp simulation
virtual machines
DEU Leistungsbewertung

performance index
BT control theory
PT optimal control
RT errors
reliability
sensitivity
sensitivity analysis
DEU Leistungswert

performance related pay
USE incentive schemes

perfusion (blood)
USE haemorheology

Periodensystem der Elemente
DEU for periodic system of elements

periodic control
BT control theory
UF *periodic systems / periodic control + time-varying systems*
PT optimal control
time-varying systems
RT optimal control
time-varying systems
DEU periodische Regelung
DSY periodische Steuerung

periodic flow
USE pulsatile flow

periodic media
USE inhomogeneous media

periodic structures
NT metamaterials
phononic crystals
photonic crystals
RT arrays
diffraction gratings
electromagnetic wave scattering
log periodic antennas
multilayers
quantum wells
superlattices
vibrations
DEU periodische Struktur

periodic system of elements
RT elements (chemical)
DEU Periodensystem der Elemente

periodic systems
USE periodic control
\+ time-varying systems

periodische Regelung
DEU for periodic control

periodische Steuerung
DUS für periodic control

periodische Struktur
DEU for periodic structures

periodisches neuronales Netz
DUS für recurrent neural nets

peripheral component interconnect
USE peripheral interfaces

peripheral controllers
USE peripheral interfaces

peripheral drivers
USE device drivers

peripheral equipment (computers)
USE computer peripheral equipment

peripheral interfaces
BT computer interfaces
NT CAMAC
field buses
SY *Bitbus*
Enhanced Small Device Interface
ESDI
General Purpose Interface Bus
GPIB
Hewlett Packard Interface Bus
HPIB
UF *IEEE 1394 / IEEE standards + peripheral interfaces*
UF *IEEE-488 / IEEE standards + peripheral interfaces*
SY *IMS-2 interface*
PCI (peripheral component interconnect)
peripheral component interconnect
peripheral controllers
RS-232
SCSI
Small Computer System Interface
V.24 bus
VXIbus
PT computer interfaces
RT computer networks
device drivers
DEU periphere Schnittstelle
DSY Peripherieschnittstelle

peripheral models
BT elementary particle interaction models
elementary particle strong interactions
NT exchange models
multiperipheral models
PT elementary particle theory
DEU peripherales Modell

peripheral processors
USE satellite computers

peripherales Modell
DEU for peripheral models

periphere Schnittstelle
DEU for peripheral interfaces

Peripherieschnittstelle
DUS für peripheral interfaces

peristaltic flow
BT pulsatile flow
PT flow
RT pipe flow
DEU peristaltische Strömung

peristaltische Strömung
DEU for peristaltic flow

peritectic transformations
USE decomposition

Perkal
USE cotton fabrics

Perkalin
USE cotton fabrics

Perl
BT authoring languages
PT authoring languages
RT Internet
report generators
DEU Perl (Programmiersprache)

Perl (Programmiersprache)
DEU for Perl

permafrost
USE geomorphology
\+ glaciology
\+ hydrology
\+ ice
\+ soil
DEU Dauerfrostboden

Permalloy
BT iron alloys
nickel alloys
RT magnetic cores
magnetic tapes
DEU Permalloy

Permalloy
DEU for Permalloy

permanent magnet generators
BT electric generators
permanent magnet machines
PT permanent magnet machines
RT permanent magnets
DEU Permanentmagnetgenerator

permanent magnet machines
BT electric machines
NT permanent magnet generators
permanent magnet motors
PT electric machines
permanent magnets
RT permanent magnets
DEU Permanentmagnetmaschine

permanent magnet motors
BT electric motors
permanent magnet machines
PT electric motors
RT brushless machines
permanent magnets
DEU Dauermagnetmotor
DSY permanentmagnet-angeregter Elektromotor
permanentmagnet-angeregter Motor
Permanentmagnetmotor

permanent magnets
BT magnets
SY *hard magnetic materials*
high coercivity materials
RT magnetic levitation
magnetic materials
permanent magnet generators
permanent magnet machines
permanent magnet motors
wigglers
DEU Dauermagnet
DSY Permanentmagnet

permanent mould casting
BT casting
PT casting
RT die casting
squeeze casting
DEU Permanentschmelzgießen

Permanent-Heißpressen
DUS für pressing

Permanentmagnet
DUS für permanent magnets

permanentmagnet-angeregter Elektromotor
DUS für permanent magnet motors

permanentmagnet-angeregter Motor
DUS für permanent magnet motors

Permanentmagnetgenerator
DEU for permanent magnet generators

Permanentmagnetmaschine
DEU for permanent magnet machines

Permanentmagnetmotor
DUS für permanent magnet motors

Permanentschmelzgießen
DEU for permanent mould casting

Permeabilität
DUS für permeability

Permeabilitätsmessung (magnetisch)
DUS für magnetic permeability measurement

permeability
SY *impermeability*
RT membranes
osmosis
porosity
DEU Durchlässigkeit
DSY Permeabilität

permeability (magnetic)
USE magnetic permeability

permeability measurement (magnetic)
USE magnetic permeability measurement

permeable base transistors
BT bipolar transistors
SY *PBT*
PT bipolar transistors
DEU PBT (Elektronik)
DSY permeabler Basistransistor
Transistor mit permeabler Basis

permeabler Basistransistor
DUS für permeable base transistors

Permitivitätsmessung
DEU for permittivity measurement

permittivity
BT dielectric properties
SY *dielectric constant*
dielectric dispersion
RT capacitance
dielectric bodies
electric strength
high-k dielectric thin films
insulating materials
insulation
low-k dielectric thin films
permittivity measurement
DEU Dielektrizitätskonstante

permittivity measurement
BT dielectric measurement
RT permittivity
DEU Permitivitätsmessung

perpendicular magnetic anisotropy
BT magnetic anisotropy
PT magnetic anisotropy
RT perpendicular magnetic recording
DEU magnetische Senkrechtanisotropie

perpendicular magnetic recording
BT magnetic recording
PT magnetic recording
RT hard discs
perpendicular magnetic anisotropy
DEU magnetische Senkrechtaufzeichnung

persistent currents
BT quantum interference phenomena
PT Aharonov-Bohm effect
mesoscopic systems
quantum interference phenomena
RT Aharonov-Bohm effect
high-temperature superconductors
mesoscopic systems
superconducting magnets
DEU persistenter Strom
DSY Persistentstrom

persistent objects
BT abstract data types
PT abstract data types
RT aspect-oriented programming
object-oriented databases
object-oriented programming
DEU persistentes Objekt

persistenter Strom
DEU for persistent currents

persistentes Objekt
DEU for persistent objects

Persistentstrom
DUS für persistent currents

persönliche Computeranwendung
DEU for personal computing

persönliche Rechneranwendung
DUS für personal computing

persönliches Informationsystem
DEU for personal information systems

persönliches Kommunikationsnetz
DUS für personal communication networks

persönliches Netz
DEU for personal area networks

Personal
DUS für personnel

personal area networks
BT radio networks
NT Bluetooth
Zigbee
SY *IEEE 802.15 networks*
piconets
scatternets
wireless personal area networks
WPAN
PT personal communication networks
RT body area networks
computer networks
data communication
indoor radio
mobile computing
mobile radio
packet radio networks
personal communication networks
wireless LAN
DEU persönliches Netz
DSY Personal-Area-Netz

personal communication networks
BT telecommunication networks
SY *Personal Handy-phone System*
UF *VI&P communication / intelligent networks + personal communication networks + visual communication*
UF *visual, intelligent and personal communication / intelligent networks + personal communication networks + visual communication*
PT mobile radio systems
radiotelephony
RT cellular radio
channel allocation
cordless telephone systems
land mobile radio
microcellular radio
mobile communication
mobile handsets
mobile radio
mobility management (mobile radio)
personal area networks
picocellular radio
radio access networks
radio networks
radiotelephony
DEU PCN (Personal Communication Network)
DSY persönliches Kommunikationsnetz

Personal Computer
DEU for microcomputers

personal computers
USE microcomputers

personal computing
NT computer games
hobby computing
home computing
idea processors
personal information systems
SY *calendar software*
diary software
end-user computing
PT games of skill
microcomputers
sports and entertainment
RT entertainment
games of skill
microcomputers
telesoftware
DEU persönliche Computeranwendung
DSY persönliche Rechneranwendung

personal digital assistants
USE notebook computers

Personal Handy-phone System
USE personal communication networks

personal identity verification
USE biometrics (access control)

personal information systems
BT information systems
personal computing
PT information systems
RT idea processors
DEU persönliches Informationsystem

personal organisers
USE time management

personal pensions
USE pensions

Personal-Area-Netz
DUS für personal area networks

Personalanwerbung
DUS für recruitment

Personalbewertung
DUS für appraisal

Personalmanagement
DEU for human resource management

personnel
NT labour resources
SY *employees*
staff
technicians
workers
RT appraisal
Bring Your Own Device
computer operating procedures
education
employment
human resource management
management
productivity
professional aspects
salaries
socio-economic effects
teaching
training
DEU Belegschaft
DSY Besatzung (Mannschaft)
Besetzung (Personal)
Mann (Personal)
Mitarbeiterschaft
Personal

personnel monitoring
USE radiation monitoring

perspektivische Verzerrung
DUS für aberrations

PERT
BT management science
operations research
SY *project evaluation review techniques*
RT critical path analysis
project engineering
project management
DEU PERT (Projektierungsmethode)

PERT (Projektierungsmethode)
DEU for PERT

perturbation configuration interaction using localised orbitals calculations
USE PCILO calculations

perturbation techniques
NT singularly perturbed systems
RT control system analysis
control system synthesis
perturbation theory
DEU Störtechnik
DSY Störungsmethode
Störungstechnik

perturbation theory
RT many-body problems
perturbation techniques
quantum chemistry
quantum field theory
quantum theory
wave functions
DEU Störungstheorie

perturbed angular correlation
BT gamma-ray spectra
SY *PAC*
TDPAC
time differential perturbed angular correlation
PT gamma-ray spectra of liquids and solids
gamma-ray spectra
RT hyperfine interactions
DEU gestörte Winkelkorrelation

pervaporation
USE evaporation
\+ separation

pervasive computing
USE ubiquitous computing

Perzeptron
DEU for perceptrons

PESA
USE nuclear chemical analysis

pest control
BT environmental management
SY *insect control*
UF *pesticides / agrochemicals + chemical products + pest control*
SY *vermin control*
RT agriculture
ecology
hazards
DEU Schädlingsbekämpfung

pesticides
USE agrochemicals
\+ chemical products
\+ pest control

PET (tomography)
USE positron emission tomography

PET computers
USE Commodore computers

Petri nets
BT directed graphs
SY *place transition nets*
signal transition graphs
transition nets
PT directed graphs
RT automata theory
control theory
discrete event systems
finite automata
programming theory
DEU Petri-Netz

Petri-Netz
DEU for Petri nets

petrochemicals
BT chemical products
organic compounds
PT petroleum industry
RT chemical industry
oil refining
petroleum
petroleum industry
DEU Petrochemikalie

Petrochemikalie
DEU for petrochemicals

petrol
USE petroleum

petrol engines
USE internal combustion engines

petroleum
BT chemical products
fuel
SY *diesel fuel*
fuel oil
gasoline
heating oil
jet fuel
kerosene
liquefied petroleum gas
LPG
petrol
RT crude oil
fuel desulphurisation
hydrocarbon reservoirs
oil refining
petrochemicals
petroleum industry
DEU Petroleum (roh)

Petroleum (roh)
DEU for petroleum

petroleum industry
BT industries
SY *oil industry*
PT oil refining
RT crude oil
drilling (geotechnical)
energy security
fuel desulphurisation
fuel processing
fuel processing industries
gas industry
hydrocarbon reservoirs
natural gas technology
oil refining
oil sands
oil shale
petrochemicals
petroleum
DEU Erdölindustrie

petroleum refining
USE oil refining

petroleum-derived pitch
USE bitumen

Petrologie
DEU for petrology

petrology
BT geology
PT geology
rocks
RT geochemistry
magma
rocks
stratigraphy
DEU Petrologie

Pfadplanung
DUS für path planning

Pfeife
DEU for whistlers

Pfeifen
DUS für whistlers

Pfeiffer effect
USE optical rotation

Pfeifpunkt
DUS für whistlers

Pfeifwelle
DUS für whistlers

Pfiff
DUS für whistlers

Pflanze
DEU for vegetation

Pflanzenerkrankung
DEU for plant diseases

Pflanzenkrankheit
DUS für plant diseases

Pflanzenöl
DEU for vegetable oils

PFM
USE pulse frequency modulation

PG 1159-035 stars
USE variable stars
+ white dwarfs

PGA
USE electronics packaging

pH control
BT chemical variables control
PT chemical variables control
RT corrosion protection
pH measurement
pH value
DEU pH-Wert-Kontrolle
DSY pH-Wert-Regelung
pH-Wert-Steuerung
pH-Wertkontrolle

pH measurement
BT chemical variables measurement
UF *pH sensors / chemical sensors +*
pH measurement
PT chemical variables measurement
RT pH control
pH value
DEU pH-Wert-Messung

pH sensors
USE chemical sensors
+ pH measurement

pH value
BT physical chemistry
SY *acidity*
alkalinity
basicity
causticity
hydrogen ion concentration
RT pH control
pH measurement
DEU pH-Wert

pH-Wert
DEU for pH value

pH-Wert-Kontrolle
DEU for pH control

pH-Wert-Messung
DEU for pH measurement

pH-Wert-Regelung
DUS für pH control

pH-Wert-Steuerung
DUS für pH control

pH-Wertkontrolle
DUS für pH control

Phänologie
DEU for phenology

Phantom
DEU for phantoms

phantom images, television
USE television interference

phantoms
RT biological tissues
biomedical materials
biomedical MRI
biomedical ultrasonics
diagnostic radiography
dosimetry
positron emission tomography
radiation therapy
single photon emission computed tomography
DEU Phantom

pharmaceutical industry
BT industries
SY *drug industry*
PT industries
RT medicine
pharmaceutical technology
pharmaceuticals
DEU pharmazeutische Industrie

pharmaceutical technology
BT chemical technology
RT ozonation (materials processing)
pharmaceutical industry
pharmaceuticals
sterilisation (microbiological)
DEU Pharmatechnik
DSY pharmazeutische Technik
pharmazeutische Technologie

pharmaceuticals
BT chemical products
NT drugs
RT antibacterial activity
cosmetics
essential oils
medical supplies
pharmaceutical industry
pharmaceutical technology
DEU Pharmazeutika

Pharmatechnik
DEU for pharmaceutical technology

Pharmazeutika
DEU for pharmaceuticals

pharmazeutische Industrie
DEU for pharmaceutical industry

pharmazeutische Technik
DUS für pharmaceutical technology

pharmazeutische Technologie
DUS für pharmaceutical technology

phase change materials
BT materials
SY *PCM (materials)*
RT heat transfer
latent heat
optical materials
phase change memories
phase transformations
solar absorber-convertors
solar heating
thermal energy storage
thermal management (packaging)
DEU aggregatzustandsändernder Werkstoff
DSY aggregatzustandsänderndes Material
Material für Phasenumwandlung
Phasen-Wechsel-Material
Phasen-Wechsel-Werkstoff
Phasenänderungsmaterial
Phasenänderungswerkstoff
Phasenübergangsmaterial
Phasenübergangswerkstoff
Phasenveränderungsmaterial
Phasenveränderungswerkstoff
Phasenwechselmaterial
Phasenwechselwerkstoff
Werkstoff für Phasenumwandlung

phase change memories
BT random-access storage
PT phase change materials
random-access storage
RT chalcogenide glasses
memristors
phase change materials
semiconductor storage
DEU PCM (Phase Change Memory)
DSY Phasenänderungsspeicher
Phasenwechselspeicher

phase changers
USE phase convertors

phase changing circuits
BT networks (circuits)
RT phase convertors
phase shifters
DEU Phasenwechselschaltung

phase coding
BT encoding (general)
PT codes
encoding (general)
RT codes
modulation coding
phase modulation
DEU Phasencodierung

phase comparators
BT comparators (circuits)
DEU Phasenkomparator

phase conjugation (optical)
USE optical phase conjugation

phase control
BT electric variables control
SY *phase regulation*
RT phase locked loops
phase measurement
phase shifters
DEU Phasensteuerung und -regelung

phase converters
USE phase convertors

phase convertors
BT convertors
SY *phase changers*
phase converters
RT phase changing circuits
phase shifters
power conversion
transformers
DEU Phasenkonverter
DSY Phasenwandler

phase detectors
BT detector circuits
PT detector circuits
phase locked loops
RT clock and data recovery circuits
discriminators
phase locked loops
phase measurement
signal detection
synchronisation
DEU Phasendiskriminator

phase diagrams
BT diagrams
SY *equilibrium diagrams*
phase equilibrium diagrams
PT phase equilibrium
RT metallurgy
phase equilibrium
phase separation
phase transformations
solid solutions
solubility
thermal analysis
DEU Phasendiagramm

phase diagrams, magnetic
USE magnetic transitions

phase equilibrium
NT phase separation
SY *equilibrium, phase*
RT chemical equilibrium
critical phenomena
crystal microstructure
diagrams
fugacity
phase diagrams
phase transformations
solubility
solutions
DEU Phasenausgeglichenheit
DSY Phasengleichgewicht

phase equilibrium diagrams
USE phase diagrams

phase estimation
BT estimation theory
parameter estimation
PT estimation theory
parameter estimation
RT state estimation
DEU Phasenschätzung

phase jitter
USE jitter

phase locked loops
BT networks (circuits)
NT digital phase locked loops
optical phase locked loops
SY *PLL*
PT phase-locked loops
RT automatic frequency control
charge pump circuits
clock and data recovery circuits
delay lock loops
demodulators
detector circuits
frequency locked loops
frequency synthesizers
jitter
modulators
phase control
phase detectors
phase locked oscillators
synchronisation

DEU Phasenregelschleife

phase locked oscillators
BT oscillators
RT microwave oscillators
phase locked loops
variable-frequency oscillators
voltage-controlled oscillators
DEU phasengeregelter Oszillator
DSY Phasenregeloszillator
phasenstarrer Oszillator
phasenverriegelter Oszillator

phase measurement
BT electric variables measurement
RT phase control
phase detectors
phase meters
phase shifters
phasor measurement
synchronisation
DEU Phasenmessung

phase meters
BT meters
RT phase measurement
DEU Phasenmessgerät
DSY Phasenmessung

phase modulation
BT angle modulation
NT continuous phase modulation
phase shift keying
self-phase modulation
UF *phase modulation, optical / optical modulation + phase modulation*
RT demodulation
demodulators
modulators
phase coding
DEU Phasenmodulation

phase modulation, optical
USE optical modulation
\+ phase modulation

phase noise
BT noise
RT random noise
DEU Phasenrauschen

phase regulation
USE phase control

phase separation
BT phase equilibrium
RT mixing
phase diagrams
phase transformations
segregation
solubility
DEU Phasentrennung

phase sequence indicators
DEU Phasenfolgeindikator

phase shift circuits
USE phase shifters

phase shift keying
BT phase modulation
NT differential phase shift keying
quadrature phase shift keying
SY *MPSK*
multiple phase shift keying
PSK
PT phase modulation
RT cochannel interference
differential detection
minimum shift keying
OFDM modulation
quadrature amplitude modulation
DEU Phasenumtastung

phase shifters
BT networks (circuits)
NT ferrite phase shifters
microwave phase shifters
millimetre wave phase shifters
optical phase shifters
UHF phase shifters
SY *phase shift circuits*
RT delay circuits
ferrite devices
gyrators
phase changing circuits
phase control
phase convertors
phase measurement
DEU Phasenschieber

phase shifting interferometry
BT light interferometry
SY *PSI*
PT electronic speckle pattern interferometry
light interferometry
RT electronic speckle pattern interferometry
optical phase shifters
optical testing
shearography
DEU Phasenverschiebungsinterferometri e

phase shifting masks
BT masks
PT masks
RT photolithography
reticles
DEU Phasenumtastmaske
DSY Phasenverschiebungsmaske

phase space methods
BT control theory
mathematics
RT control system analysis
control system synthesis
frequency response
nonlinear control systems
DEU Pahase-Raum-Methode

phase transfer function
USE optical transfer function

phase transformations
NT commensurate-incommensurate transformations
crystallisation
electrical conductivity transitions
glass transition
isothermal transformations
Kosterlitz-Thouless transition
liquid crystal phase transformations
liquid-liquid transformations
liquid-vapour transformations
magnetic transitions
solid-liquid transformations
solid-state phase transformations
solid-vapour transformations
spin-Peierls transition
superconducting transitions
surface phase transformations
vaporisation
vitrification
UF *Costa Ribeiro effect / dielectric properties + phase transformations*
SY *phase transitions*
thermal transformations
transformations, phase
RT ageing
critical fluctuations
critical phenomena
critical points
crystal microstructure
diagrams
distillation
equations of state
latent heat
metallurgy
phase change materials
phase diagrams
phase equilibrium
phase separation
phasons
plastic crystals
spinodal decomposition
DEU Phasentransformation

phase transformations, nuclear
USE nuclear phase transformations

phase transitions
USE phase transformations
DEU Phasenumwandlung

phase transitions, nuclear
USE nuclear phase transformations

phased array radar
BT arrays
radar
RT adaptive radar
antenna phased arrays
radar antennas
space-time adaptive processing
DEU Phased-Array-Radar
DSY Phasengruppenradar

phased arrays (antenna)
USE antenna phased arrays

Phased-Array-Antenne
DEU for antenna phased arrays

Phased-Array-Radar
DEU for phased array radar

Phasen-Wechsel-Material
DUS für phase change materials

Phasen-Wechsel-Werkstoff
DUS für phase change materials

Phasenaberration
DUS für aberrations

Phasenänderungsmaterial
DUS für phase change materials

Phasenänderungsspeicher
DUS für phase change memories

Phasenänderungswerkstoff
DUS für phase change materials

Phasenausgeglichenheit
DEU for phase equilibrium

Phasencodierung
DEU for phase coding

Phasendiagramm
DEU for phase diagrams

Phasendifferenzmodulation
DUS für differential phase shift keying

Phasendifferenzumtastung
DUS für differential phase shift keying

Phasendiskriminator
DEU for phase detectors

Phasenfolgeindikator
DEU for phase sequence indicators

phasengeregelter Oszillator
DEU for phase locked oscillators

phasengesteuerte Gruppenantenne
DUS für antenna phased arrays

phasengesteuertes Antennenfeld
DUS für antenna phased arrays

Phasengleichgewicht
DUS für phase equilibrium

Phasengrenzenphänomen
DUS für interface phenomena

Phasengruppenradar
DUS für phased array radar

Phasenkomparator
DEU for phase comparators

Phasenkonverter
DEU for phase convertors

Phasenmessgerät
DEU for phase meters

Phasenmessung
DEU for phase measurement

Phasenmessung
DUS für phase meters

Phasenmodulation
DEU for phase modulation

Phasenrauschen
DEU for phase noise

Phasenregeloszillator
DUS für phase locked oscillators

Phasenregelschleife
DEU for phase locked loops

Phasenschätzung
DEU for phase estimation

Phasenschieber
DEU for phase shifters

Phasensprungumtastung
DUS für differential phase shift keying

phasenstarrer Oszillator
DUS für phase locked oscillators

Phasensteuerung und -regelung
DEU for phase control

Phasentransformation
DEU for phase transformations

Phasentrennung
DEU for phase separation

Phasenübergangsmaterial
DUS für phase change materials

Phasenübergangswerkstoff
DUS für phase change materials

phasenumgetastetes Signal
DUS für differential phase shift keying

Phasenumtastmaske
DEU for phase shifting masks

Phasenumtastung
DEU for phase shift keying

Phasenumwandlung
DEU for phase transitions

Phasenveränderungsmaterial
DUS für phase change materials

Phasenveränderungswerkstoff
DUS für phase change materials

phasenverriegelter Oszillator
DUS für phase locked oscillators

Phasenverschiebungsinterferometrie
DEU for phase shifting interferometry

Phasenverschiebungsmaske
DUS für phase shifting masks

Phasenwandler
DUS für phase convertors

Phasenwechselmaterial
DUS für phase change materials

Phasenwechselschaltung
DEU for phase changing circuits

Phasenwechselspeicher
DUS für phase change memories

Phasenwechselwerkstoff
DUS für phase change materials

Phason
DEU for phasons

phasons
PT lattice theory and statistics
phase transformations
RT commensurate-incommensurate transformations
lattice theory
phase transformations
DEU Phason

phasor measurement
BT electric variables measurement
power system measurement
SY *phasor measurement unit*
synchrophasors
PT phase measurement
power system measurement
RT phase measurement
power supply quality
smart power grids
telemetry
DEU Zeigermessung

phasor measurement unit
USE phasor measurement

phenology
PT climatology
RT climatology
DEU Phänologie

phi mesons
BT meson resonances
PT meson resonances
DEU phi-Meson

phi-Meson
DEU for phi mesons

phi4 field theory
BT axiomatic field theory
nonlinear field theory
PT axiomatic field theory
nonlinear field theory
DEU phi4-Feldtheorie

phi4-Feldtheorie
DEU for phi4 field theory

philosophical aspects
NT causality
UF *anthropic principle / cosmology* +
philosophical aspects
RT ethical aspects
humanities
DEU Philosophie
DSY philosophische Gesichtspunkte

Philosophie
DEU for philosophical aspects

philosophische Gesichtspunkte
DUS für philosophical aspects

phishing
USE computer crime
\+ unsolicited e-mail

phonetics
USE speech processing
DEU Phonetik

Phonetik
DEU for phonetics

phonocardiography
BT bioacoustics
cardiology
PT bioacoustics
cardiology
RT patient diagnosis
patient monitoring
DEU Phonokardiografie
DSY Phonokardiographie

phonographs
USE audio equipment

Phonokardiografie
DEU for phonocardiography

Phonokardiographie
DUS für phonocardiography

Phonon
DEU for phonons

phonon dispersion relations
BT dispersion relations
phonons
PT dispersion relations
lattice phonons
DEU Phononendispersionsbeziehung
DSY Phononenverteilungsrelation

phonon drag
BT electron-phonon interactions
PT electron-phonon interactions
RT acoustoelectric effects
DEU Phononennachlauf

phonon softening
USE soft modes

phonon spectra
BT phonons
spectra (general)
RT vibrational modes
DEU Phononenspektrum

phonon-defect interactions
BT crystal defects
phonons
SY *defect-phonon interactions*
PT crystal defects
lattice phonons
RT localised modes
DEU Phonon-Fehlstellen-Wechselwirkung

phonon-electron interactions
USE electron-phonon interactions

phonon-exciton interactions
BT excitons
phonons
SY *exciton-phonon interactions*
PT excitons
lattice phonons
RT localised modes
DEU Phonon-Exciton-Wechselwirkung

Phonon-Exciton-Wechselwirkung
DEU for phonon-exciton interactions

Phonon-Fehlstellen-Wechselwirkung
DEU for phonon-defect interactions

phonon-impurity interactions
BT impurities
phonons
UF *defect vibrational modes / localised modes + phonon-impurity interactions*
UF *impurity vibrational modes / localised modes + phonon-impurity interactions*
SY *impurity-phonon interactions*
PT crystal impurities
lattice phonons
RT localised modes
DEU Phonon-Verunreinigungs-Wechselwirkung

phonon-magnon interactions
BT magnons
phonons
SY *magnon-phonon interactions*
PT lattice phonons
magnons
DEU Phonon-Magnon-Wechselwirkung

Phonon-Magnon-Wechselwirkung
DEU for phonon-magnon interactions

phonon-phonon interactions
BT phonons
SY *multiphonon process*
two-phonon processes
PT phonons
RT thermal conductivity
transport processes
umklapp process
DEU Phonon-Phonon-Wechselwirkung

Phonon-Phonon-Wechselwirkung
DEU for phonon-phonon interactions

phonon-plasmon interactions
BT phonons
plasmons
SY *plasmon-phonon interactions*
PT lattice phonons
plasmons
RT surface phonons
surface plasmons
DEU Phonon-Plasmon-Wechselwirkung

Phonon-Plasmon-Wechselwirkung
DEU for phonon-plasmon interactions

Phonon-Verunreinigungs-Wechselwirkung
DEU for phonon-impurity interactions

Phononen-Kristall
DEU for phononic crystals

Phononendispersionsbeziehung
DEU for phonon dispersion relations

Phononenkristall
DUS für phononic crystals

Phononennachlauf
DEU for phonon drag

Phononenspektrum
DEU for phonon spectra

Phononenverteilungsrelation
DUS für phonon dispersion relations

phononic crystals
BT periodic structures
phonons
PT phonons
RT acoustic metamaterials
DEU Phononen-Kristall
DSY Phononenkristall
Phononik-Kristall
phononisches Kristall
Phononkristall

Phononik-Kristall
DUS für phononic crystals

phononisches Kristall
DUS für phononic crystals

Phononkristall
DUS für phononic crystals

phonons
BT lattice dynamics
vibrational modes
NT electron-phonon interactions
interface phonons
magnetophonon effects
phonon dispersion relations
phonon spectra
phonon-defect interactions
phonon-exciton interactions
phonon-impurity interactions
phonon-magnon interactions
phonon-phonon interactions
phonon-plasmon interactions
phononic crystals
spin-phonon interactions
surface phonons
SY *lattice phonons*
RT acoustic waves
dispersion relations
elastic waves
localised modes
polaritons
quasiparticles
soft modes
solitons
tunnelling spectra
tunnelling spectroscopy
DEU Phonon

Phonotechnik
DUS für audio equipment

phosphate glasses
BT glass
NT phosphosilicate glasses
PT glass
phosphorus compounds
RT phosphorus compounds
DEU Phosphatglas

Phosphatglas
DEU for phosphate glasses

Phosphatsilikatglas
DEU for phosphosilicate glasses

phospholipid bilayers
USE lipid bilayers

Phosphor
DEU for phosphorus

Phosphor (Leuchtmittel)
DEU for phosphors

phosphorescence
BT luminescence
SY *HIDP*
microwave induced delayed phosphorescence
MIDP
PT luminescence
RT afterglows
electromagnetic wave absorption
fluorescence
fluorescent screens
phosphors
scintillation
triplet state
DEU Phosphoreszenz

phosphorescence microwave double resonance
USE PMDR

Phosphoreszenz
DUS für afterglows

Phosphoreszenz-Mikrowellen-Doppelresonanz
DEU for PMDR

Phosphoreszenz-Mikrowellen-Doppelresonanz (PMDR)
DUS für PMDR

Phosphoreszenz
DEU for phosphorescence

phosphoric acid fuel cells
BT fuel cells
SY *PAFC*
PT fuel cells
RT electrolytes
fuel cell power plants
DEU Phosphorsäurebrennstoffzelle

Phosphorlegierung
DEU for phosphorus alloys

phosphors
BT optical materials
SY *luminophors*
RT cathodoluminescence
electroluminescence
fluorescent lamps
fluorescent screens
image intensifiers
luminescence
luminescent devices
phosphorescence
photographic materials
scintillation
television picture tubes
DEU Phosphor (Leuchtmittel)

Phosphorsäurebrennstoffzelle
DEU for phosphoric acid fuel cells

phosphorus
BT non-metals
SY *P (chemical element)*
RT phosphorus alloys
phosphorus compounds
DEU Phosphor

phosphorus alloys
BT alloys
RT phosphorus
phosphorus compounds
DEU Phosphorlegierung

phosphorus compounds
BT inorganic compounds
RT phosphate glasses
phosphorus
phosphorus alloys
DEU Phosphorverbindung

Phosphorverbindung
DEU for phosphorus compounds

phosphosilicate glasses
BT phosphate glasses
UF *borophosphosilicate glasses / borosilicate glasses + phosphosilicate glasses*
UF *BPSG / borosilicate glasses + phosphosilicate glasses*
SY *PSG*
PT glass
DEU Phosphatsilikatglas

phoswich
USE solid scintillation detectors

photo typesetting
BT typesetting
DEU Fotosatz
DSY Photosatz

Photoablation
DUS für laser ablation

photoabsorption
USE photoexcitation

photoacoustic effect
NT photoacoustic spectra
photoacoustic spectroscopy
SY *optoacoustic effect*
RT acoustic generators
acoustic wave production
acoustics
photothermal effects
DEU fotoakustischer Effekt
DSY photoakustischer Effekt

photoacoustic emissions
BT bioacoustics
ear
PT bioacoustics
ear
RT hearing
DEU fotoakustische Emission

photoacoustic spectra
BT photoacoustic effect
spectra (general)
SY *optoacoustic spectra*

PT photoacoustic spectroscopy
RT photoacoustic spectroscopy
DEU photoakustisches Spektrum

photoacoustic spectroscopy
BT photoacoustic effect
spectroscopy
SY *optoacoustic spectroscopy*
PT spectroscopy
RT acoustic measurement
photoacoustic spectra
photothermal spectroscopy
DEU Fotoakustik-Spektroskopie
DSY Fotoakustikspektroskopie
fotoakustische Spektroskopie
Photoakustik-Spektroskopie
Photoakustikspektroskopie
photoakustische Spektrographie
photoakustische Spektrometrie
photoakustische Spektroskopie

Photoakustik-Spektroskopie
DUS für photoacoustic spectroscopy

Photoakustikspektroskopie
DUS für photoacoustic spectroscopy

photoakustische Spektrographie
DUS für photoacoustic spectroscopy

photoakustische Spektrometrie
DUS für photoacoustic spectroscopy

photoakustische Spektroskopie
DUS für photoacoustic spectroscopy

photoakustischer Effekt
DUS für photoacoustic effect

photoakustisches Spektrum
DEU for photoacoustic spectra

photoassociation
USE association (chemical)
\+ photochemistry

photobleaching
USE optical saturable absorption

photocapacitance
BT capacitance
photoelectricity
PT capacitance
photoelectricity
RT photodielectric effect
DEU Fotokondensator
DSY Photokondensator

photocatalysis
USE catalysis
\+ photochemistry

photocathodes
BT cathodes
photoemissive devices
PT cathodes
RT image intensifiers
photoemission
photomultipliers
phototubes
DEU Photokathode

photocells
USE photoelectric cells

photochemical energy conversion
USE chemical energy conversion

photochemical hole burning
USE optical hole burning
\+ photochemistry

Photochemie
DUS für photochemistry

photochemistry
BT physical chemistry
NT photoelectrochemistry
photolysis
photosynthesis
UF *photoassociation / association (chemical) + photochemistry*
UF *photocatalysis / catalysis + photochemistry*
UF *photochemical hole burning / optical hole burning + photochemistry*
UF *photoisomerisation / isomerisation + photochemistry*
SY *photosensitisation*
RT atmospheric chemistry
chemical reactions
chemiluminescence
optical hole burning
photochromism
photodissociation
photographic materials
photographic process
photography
photoionisation
DEU Fotochemie
DSY Photochemie

Photochromie
DEU for photochromism

photochromism
BT optical properties
SY *photodarkening*
PT optical properties of substances
RT colour
photochemistry
DEU Photochromie

photoconducting devices
BT photoelectric devices
NT photoconducting switches
photodiodes
phototransistors
RT photoconducting materials
photoconductivity
photoresistors
semiconductor devices
DEU Fotowiderstandsbauelement
DSY Photowiderstandsbauelement

photoconducting materials
BT materials
SY *photoconductors*
RT photoconducting devices
photoconductivity
photodetectors
photoelectricity
semiconductor materials
DEU Fotowiderstandsmaterial
DSY Fotowiderstandswerkstoff
Photowiderstandsmaterial
Photowiderstandswerkstoff

photoconducting switches
BT photoconducting devices
semiconductor switches
PT photoconducting devices
semiconductor switches
RT microwave switches
optical switches
DEU Fotowiderstandsschalter
DSY Photowiderstandsschalter

photoconductive cells
BT photoelectric cells
PT photoconducting devices
RT photodetectors
DEU Fotowiderstandszelle
DSY Photowiderstandszelle

photoconductivity
BT electrical conductivity
photoelectricity
UF *photocurrent / photoconductivity + photoemission*
UF *photogalvanic effects / photoconductivity + photovoltaic effects*
RT dark conductivity
OBIC (optical beam induced currents)
photoconducting devices
photoconducting materials
semiconductors
Staebler-Wronski effect
DEU Fotoleitfähigkeit
DSY Photoleitfähigkeit

photoconductors
USE photoconducting materials

photocopying
BT reproduction (copying)
NT electrophotography
SY *copiers*
electronic copyboards
facsimile document reproduction
UF *xerography / electrophotography + photocopying*
PT reproduction (copying)
RT office products
DEU Fotokopieren
DSY Photokopieren

photocurrent
USE photoconductivity
\+ photoemission

photodarkening
USE photochromism

Photodesintegration
DEU for photodisintegration

photodetachment
USE electron detachment

photodetectors
BT photoelectric devices
sensors
NT superconducting photodetectors
UF *photovoltaic detectors / infrared detectors + photodetectors*
RT avalanche photodiodes
infrared detectors
integrated optoelectronics
microwave detectors
optical receivers
optical signal detection
p-i-n photodiodes
photoconducting materials
photoconductive cells
photodiodes

photoelectric cells
photometers
phototransistors
ultraviolet detectors
DEU Fotodetektor
DSY Lichtempfänger
Photodetektor

Photodetektor
DUS für photodetectors

photodielectric effect
BT dielectric properties
photoelectricity
PT dielectric phenomena
photoelectricity
RT photocapacitance
DEU fotodielektrischer Effekt
DSY photodielektrischer Effekt

photodielektrischer Effekt
DUS für photodielectric effect

photodiffusion effects
USE Dember effect

Photodiode
DUS für photodiodes

photodiodes
BT photoconducting devices
semiconductor diodes
NT avalanche photodiodes
p-i-n photodiodes
RT integrated optoelectronics
optical receivers
opto-isolators
p-i-n diodes
photodetectors
photoelectric cells
phototubes
DEU Fotodiode
DSY Photodiode

photodisintegration
BT photon-nucleus reactions
NT deuteron photodisintegration
photofission
DEU Photodesintegration

photodissociation
BT dissociation
photolysis
photon collisions
SY *molecular photodissociation*
PT dissociation
photochemistry
RT molecule-photon collisions
photochemistry
photoexcitation
photoionisation
predissociation
DEU Fotodissoziation
DSY Fotozersetzung
Photodissoziation
Photozersetzung

photodissociation lasers
USE chemical lasers

Photodissoziation
DUS für photodissociation

photodynamic therapy
BT radiation therapy
SY *PDT*
PT radiation therapy
RT dosimetry
laser applications in medicine
DEU lichtdynamische Therapie
DSY Lichttherapie
photodynamische Therapie

photodynamische Therapie
DUS für photodynamic therapy

photoelasticity
BT elasticity
UF *elasto-optical effects / photoelasticity + piezo-optical effects*
RT birefringence
dichroism
light polarisation
mechanical birefringence
optical properties
piezo-optical effects
pleochroism
stress analysis
DEU Photoelastizität
DSY Spannungsoptik

Photoelastizität
DEU for photoelasticity

photoelectrets
BT electrets
photoelectricity
PT electrets
DEU Photoelektret

photoelectric cells
BT cells (electric)
photoelectric devices
NT photoconductive cells
photovoltaic cells

SY *photocells*
PT optoelectronic devices
RT photodetectors
photodiodes
photoelectricity
photometers
photomultipliers
DEU Fotozelle
DSY photoelektrische Zelle
Photozelle

photoelectric devices
BT optoelectronic devices
NT image sensors
photoconducting devices
photodetectors
photoelectric cells
photothyristors
phototubes
PT photoconducting devices
photodetectors
RT photoelectricity
transducers
DEU photoelektrisches Bauelement
DSY photoelektrisches Gerät

photoelectric effects
USE photoelectricity

photoelectric emission
USE photoemission

photoelectric tubes
USE phototubes

photoelectricity
BT electric properties
NT Dember effect
photocapacitance
photoconductivity
photodielectric effect
photoelectrets
photoelectromagnetic effects
photoemission
photovoltaic effects
SY *photoelectric effects*
RT photoconducting materials
photoelectric cells
photoelectric devices
photoemissive devices
photoionisation
photorefractive effect
DEU photoelektrischer Effekt

photoelectrochemical cells
BT cells (electric)
NT dye-sensitised solar cells
SY *photogalvanic cells*
PT cells (electric)
RT photoelectrochemistry
solar cells
DEU fotoelektrochemische Zelle
DSY fotogalvanische Zelle
photoelektrochemische Zelle
photogalvanische Zelle

photoelectrochemistry
BT electrochemistry
photochemistry
PT electrochemistry
photochemistry
RT dye-sensitised solar cells
electrolysis
photoelectrochemical cells
photolysis
DEU Photoelektrochemie

photoelectromagnetic effects
BT galvanomagnetic effects
photoelectricity
SY *magnetophotoconductivity*
PEM effect
photomagnetoelectric effects
DEU fotoelektromagnetischer Effekt
DSY photoelektromagnetischer Effekt

photoelectron microscopy
BT electron microscopy
SY *photoemission electron microscopy*
PT electron microscopy
photoemission
RT photoelectron spectra
photoelectron spectroscopy
photoemission
DEU Photoelektronen-Mikroskopie
DSY Photoelektronenmikroskopie

photoelectron multipliers
USE photomultipliers

photoelectron spectra
BT electron spectra
NT ultraviolet photoelectron spectra
X-ray photoelectron spectra
SY *ARPES*
photoemission spectra
PT photoemission
RT Auger electron spectra
core levels
photoelectron microscopy
photoelectron spectroscopy
photoemission
photoionisation
DEU Photoelektronenspektrum

photoelectron spectroscopy
BT electron spectroscopy
PT electron spectroscopy
RT Auger electron spectroscopy
ESCA
photoelectron microscopy
photoelectron spectra
photon correlation spectroscopy
DEU Fotoelektronen-Spektroskopie
DSY Fotoelektronenspektroskopie
Photoelektronen-Spektroskopie
Photoelektronenspektroskopie

Photoelektret
DEU for photoelectrets

photoelektrische Emission
DEU for photoemission

photoelektrische Zelle
DUS für photoelectric cells

photoelektrischer Effekt
DEU for photoelectricity

photoelektrisches Bauelement
DEU for photoelectric devices

photoelektrisches Gerät
DUS für photoelectric devices

Photoelektrochemie
DEU for photoelectrochemistry

photoelektrochemische Zelle
DUS für photoelectrochemical cells

photoelektromagnetischer Effekt
DUS für photoelectromagnetic effects

Photoelektronen-Mikroskopie
DEU for photoelectron microscopy

Photoelektronen-Spektroskopie
DUS für photoelectron spectroscopy

Photoelektronenmikroskopie
DUS für photoelectron microscopy

Photoelektronenspektroskopie
DUS für photoelectron spectroscopy

Photoelektronenspektrum
DEU for photoelectron spectra

Photoelement
DEU for photovoltaic cells

photoemission
BT electron emission
photoelectricity
UF *Fano effect / electron spin polarisation* + *photoemission*
UF *photocurrent / photoconductivity* + *photoemission*
SY *photoelectric emission*
RT photocathodes
photoelectron microscopy
photoelectron spectra
photoemissive devices
work function
DEU photoelektrische Emission

photoemission electron microscopy
USE photoelectron microscopy

photoemission spectra
USE photoelectron spectra

photoemission, inverse
USE inverse photoemission spectra
\+ inverse photoemission spectroscopy

photoemissive devices
NT photocathodes
RT photoelectricity
photoemission
DEU fotoemissives Gerät

photoempfindlicher Werkstoff
DUS für photographic material sensitivity

photoempfindliches Material
DUS für photographic material sensitivity

Photoempfindlichkeit
DUS für photographic material sensitivity

photoexcitation
BT photon collisions
NT optical pumping
SY *atomic photoexcitation*
molecular photoexcitation
photoabsorption
PT atomic photoexcitation
molecular photoexcitation
RT atom-photon collisions
excited states
Hanle effect
molecule-photon collisions
multiphoton processes
photodissociation

photoionisation
population inversion
stimulated emission
DEU Lichtanregung
DSY optische Anregung
Photoexzitation

Photoexzitation
DUS für photoexcitation

Photofilm
DUS für photographic materials

photofission
BT fission
photodisintegration
SY *gamma fission reaction*
PT nuclear fission
DEU Photospaltung

photogalvanic cells
USE photoelectrochemical cells

photogalvanic effects
USE photoconductivity
\+ photovoltaic effects

photogalvanic spectra
USE optogalvanic spectra

photogalvanic spectroscopy
USE optogalvanic spectroscopy

photogalvanische Zelle
DUS für photoelectrochemical cells

Photogrammetrie
DUS für photogrammetry

photogrammetry
BT photographic applications
photography
PT photographic applications
RT cartography
geodesy
geophysical techniques
remote sensing
topography (Earth)
DEU Fotogrammetrie
DSY Photogrammetrie

photographic applications
NT photogrammetry
UF *speckle photography / photographic applications + speckle*
RT photography
photolithography
remote sensing
DEU fotografische Anwendung
DSY photographische Anwendung

photographic development
USE photographic process

photographic emulsions
BT emulsions
photographic materials
PT emulsions
photographic materials
DEU Fotoemulsion
DSY fotografische Emulsion
photographische Emulsion

photographic film detectors
USE nuclear track emulsions

photographic filters
USE optical filters

photographic lenses
BT lenses
SY *camera lenses*
RT photography
DEU fotografische Linse
DSY fotografisches Objektiv
photographische Linse
photographisches Objektiv

photographic material sensitivity
BT sensitivity
UF *light sensitive materials / optical materials + photographic material sensitivity + photographic materials*
RT photographic materials
DEU fotoempfindlicher Werkstoff
DSY fotoempfindliches Material
Fotoempfindlichkeit
photoempfindlicher Werkstoff
photoempfindliches Material
Photoempfindlichkeit

photographic materials
BT materials
NT photographic emulsions
SY *developers (photographic)*
UF *light sensitive materials / optical materials + photographic material sensitivity + photographic materials*
SY *photographic recording media*
RT gelatin
phosphors
photochemistry
photographic material sensitivity

photography
DEU Fotofilm
DSY fotografischer Werkstoff
fotografisches Material
Fotomaterial
Photofilm
photographischer Werkstoff
photographisches Material
Photomaterial

photographic process
BT photography
SY *development, photographic*
latent image
photographic development
RT photochemistry
DEU Fotografie (Verfahren)
DSY Fotografieren
Photographie (Verfahren)
Photographieren

photographic recording media
USE photographic materials

Photographie (Verfahren)
DUS für photographic process
photography

Photographieren
DUS für photographic process

photographische Anwendung
DUS für photographic applications

photographische Emulsion
DUS für photographic emulsions

photographische Linse
DUS für photographic lenses

photographischer Werkstoff
DUS für photographic materials

photographisches Material
DUS für photographic materials

photographisches Objektiv
DUS für photographic lenses

photography
NT cinematography
colour photography
digital photography
microphotography
photogrammetry
photographic process
streak photography
RT cameras
colour
electrophotography
holography
optics
photochemistry
photographic applications
photographic lenses
photographic materials
photometers
printing
radiography
recording
reproduction (copying)
schlieren systems
DEU Fotografie (Bild)
DSY Photographie (Verfahren)

photoionisation
BT ionisation
photon collisions
SY *atomic photoionisation*
molecular photoionisation
photoionization
REMPI
RT atmospheric ionisation
atom-photon collisions
Auger effect
electron detachment
inner-shell ionisation
MALDI mass spectra
molecule-photon collisions
photochemistry
photodissociation
photoelectricity
photoelectron spectra
photoexcitation
preionisation
DEU Fotoionisation
DSY Photoionisation

Photoionisation
DUS für photoionisation

photoionization
USE photoionisation

photoisomerisation
USE isomerisation
\+ photochemistry

Photokathode
DEU for photocathodes

Photokondensator
DUS für photocapacitance

Photokopieren
DUS für photocopying

Photolack
DEU for photoresists

Photolawinendiode
DUS für avalanche photodiodes

Photoleitfähigkeit
DUS für photoconductivity

Photolithographie
DUS für photolithography

photolithography
BT lithography
NT immersion lithography
photoresists
ultraviolet lithography
X-ray lithography
SY *g-line lithography*
optical lithography
PT photographic applications
printed circuits
RT integrated circuit manufacture
integrated circuit technology
masks
microfabrication
phase shifting masks
photographic applications
printed circuits
proximity effect (lithography)
reticles
semiconductor technology
DEU Fotolithografie
DSY Photolithographie

photoluminescence
BT luminescence
RT Judd-Ofelt theory
light absorption
microcavities
porous semiconductors
radiation quenching
scintillation counters
DEU Photolumineszenz

Photolumineszenz
DEU for photoluminescence

Photolyse
DEU for photolysis

photolysis
BT chemical reactions
photochemistry
radiation chemistry
NT photodissociation
SY *flash photolysis*
PT photochemistry
RT photoelectrochemistry
DEU Photolyse

photomagnetic effect
BT magnetic susceptibility
PT photoelectromagnetic effects
DEU fotomagnetischer Effekt
DSY photomagnetischer Effekt
Photomagnetismus

photomagnetischer Effekt
DUS für photomagnetic effect

Photomagnetismus
DUS für photomagnetic effect

photomagnetoelectric effects
USE photoelectromagnetic effects

Photomaske
DUS für reticles

photomasks
USE masks

Photomaterial
DUS für photographic materials

Photometer
DUS für photometers

photometers
BT meters
optical instruments
NT spectrophotometers
SY *exposure meters*
light meters
UF *microphotometers / densitometry*
+ photometers
RT densitometry
photodetectors
photoelectric cells
photography
photometric light sources
photometry
radiometers
radiometry
spectrometers
ultraviolet detectors
DEU Fotometer
DSY Photometer

photometric binary stars
USE eclipsing binary stars

photometric light sources
BT light sources
RT photometers
photometry
DEU photometrische Lichtquelle

Photometrie
DUS für photometry

photometrische Lichtquelle
DEU for photometric light sources

photometry
BT optical variables measurement
NT astronomical photometry
spectrophotometry
SY *integrating spheres*
luminous flux measurement
optical radiometry
radiometry, ultraviolet
ultraviolet radiometry
RT brightness
chemical analysis
densitometry
intensity measurement
light
lighting
photometers
photometric light sources
radiometry
DEU Fotometrie
DSY Photometrie

photomultiplier tubes
USE photomultipliers

photomultipliers
BT electron multipliers
phototubes
SY *multiplier phototubes*
photoelectron multipliers
photomultiplier tubes
RT image intensifiers
photocathodes
photoelectric cells
scintillation counters
secondary electron emission
secondary emission
television camera tubes
DEU Photovervielfacher

Photon
DEU for photons

photon antibunching
BT quantum optics
PT photon counting
quantum optics
RT photon counting
DEU Photonen-Antibündelung
DSY Photonen-Antibunching
Photonenantibündelung
Photonenantibunching

photon collisions
BT collision processes
NT atom-photon collisions
molecule-photon collisions
photodissociation
photoexcitation
photoionisation
RT quantum optics
DEU Photonen-Zusammenstoß

photon correlation spectroscopy
BT spectroscopy
PT spectroscopy
RT correlation methods
optical correlation
photoelectron spectroscopy
photon counting
DEU Photonenkorrelations-Spektroskopie
DSY Photonenkorrelationsspektroskopie

photon counting
BT quantum optics
SY *quantum counters*
PT photons
RT photon antibunching
photon correlation spectroscopy
DEU Photonenzählung

photon echo
BT optical coherent transients
PT nonlinear optics
RT spectra (general)
DEU Photonenecho

photon interactions
USE photon-deuteron interactions
+ photon-hadron interactions
+ photon-lepton interactions
+ photon-nucleus reactions
+ photon-photon interactions

photon polarisation
BT polarisation
SY *photon polarization*
RT gamma-ray polarisation
photons
DEU Photonen-Polarisation

DSY Photonenpolarisation
Photonpolarisation

photon polarization
USE photon polarisation

photon production
RT photons
DEU Photonproduktion

photon scattering
USE photon-deuteron scattering
+ photon-hadron scattering
+ photon-lepton scattering
+ photon-nucleus scattering
+ photon-photon scattering

photon stimulated desorption
BT desorption
PT desorption
RT electron stimulated desorption
laser beam effects
MALDI mass spectra
thermally stimulated desorption
DEU photonenangeregte Desorption

photon transport theory
BT transport processes
SY *gamma transport theory*
gamma-ray transport
X-ray transport
PT transport processes
RT photons
shielding
DEU Photonentransporttheorie

photon tunnelling microscopy
USE optical microscopy

Photon-Atomkern-Reaktion
DEU for photon-nucleus reactions

Photon-Atomkern-Streuung
DEU for photon-nucleus scattering

photon-baryon interactions
BT photon-hadron interactions
NT photon-hyperon interactions
photon-nucleon interactions
PT photon-hadron interactions
RT photon-baryon scattering
DEU Photon-Baryon-Wechselwirkung

photon-baryon scattering
BT photon-hadron scattering
NT photon-hyperon scattering
photon-nucleon scattering
PT photon-hadron scattering
RT photon-baryon interactions
DEU Photon-Baryon-Streuung

Photon-Baryon-Streuung
DEU for photon-baryon scattering

Photon-Baryon-Wechselwirkung
DEU for photon-baryon interactions

photon-deuteron interactions
BT elementary particle interactions
NT deuteron photodisintegration
UF *photon interactions / photon-deuteron interactions* + *photon-hadron interactions* + *photon-lepton interactions* + *photon-nucleus reactions* + *photon-photon interactions*
PT deuteron interactions
photon interactions
RT photon-deuteron scattering
photon-nucleus reactions
DEU Photon-Deuteron-Wechselwirkung

photon-deuteron scattering
BT elementary particle scattering
UF *photon scattering / photon-deuteron scattering* + *photon-hadron scattering* + *photon-lepton scattering* + *photon-nucleus scattering* + *photon-photon scattering*
PT deuteron scattering
photon scattering
RT photon-deuteron interactions
photon-nucleus scattering
DEU Photon-Deuteron-Streuung

Photon-Deuteron-Streuung
DEU for photon-deuteron scattering

Photon-Deuteron-Wechselwirkung
DEU for photon-deuteron interactions

photon-electron interactions
BT photon-lepton interactions
PT photon-lepton interactions
RT photon-electron scattering
DEU Photon-Elektron-Wechselwirkung

photon-electron scattering
BT photon-lepton scattering
PT photon-lepton scattering
RT photon-electron interactions
DEU Photon-Elektron-Streuung

Photon-Elektron-Streuung
DEU for photon-electron scattering

Photon-Elektron-Wechselwirkung
DEU for photon-electron interactions

photon-hadron interactions
BT elementary particle interactions
NT photon-baryon interactions
photon-meson interactions
UF *photon interactions / photon-deuteron interactions + photon-hadron interactions + photon-lepton interactions + photon-nucleus reactions + photon-photon interactions*
PT baryon interactions
hadron interactions
hyperon interactions
kaon interactions
meson interactions
neutron interactions
photon interactions
pion interactions
proton interactions
RT photon-hadron scattering
DEU Photon-Hadron-Wechselwirkung

photon-hadron scattering
BT elementary particle scattering
NT photon-baryon scattering
photon-meson scattering
UF *photon scattering / photon-deuteron scattering + photon-hadron scattering + photon-lepton scattering + photon-nucleus scattering + photon-photon scattering*
PT baryon scattering
hadron scattering
hyperon scattering
kaon scattering
meson scattering
neutron scattering
photon scattering
pion scattering
proton scattering
RT photon-hadron interactions
DEU Photon-Hadron-Streuung

Photon-Hadron-Streuung
DEU for photon-hadron scattering

Photon-Hadron-Wechselwirkung
DEU for photon-hadron interactions

photon-hyperon interactions
BT photon-baryon interactions
PT photon-hadron interactions
RT photon-hyperon scattering
DEU Photon-Hyperon-Wechselwirkung

photon-hyperon scattering
BT photon-baryon scattering
PT photon-hadron scattering
RT photon-hyperon interactions
DEU Photon-Hyperon-Streuung

Photon-Hyperon-Streuung
DEU for photon-hyperon scattering

Photon-Hyperon-Wechselwirkung
DEU for photon-hyperon interactions

photon-lepton interactions
BT elementary particle interactions
NT photon-electron interactions
photon-muon interactions
photon-neutrino interactions
UF *photon interactions / photon-deuteron interactions + photon-hadron interactions + photon-lepton interactions + photon-nucleus reactions + photon-photon interactions*
PT electron interactions
lepton interactions
muon interactions
neutrino interactions
photon interactions
RT photon-lepton scattering
DEU Photon-Lepton-Wechselwirkung

photon-lepton scattering
BT elementary particle scattering
NT photon-electron scattering
photon-muon scattering
photon-neutrino scattering
UF *photon scattering / photon-deuteron scattering + photon-hadron scattering + photon-lepton scattering + photon-nucleus scattering + photon-photon scattering*
PT electron scattering
lepton scattering
muon scattering
neutrino scattering
photon scattering
RT photon-lepton interactions
DEU Photon-Lepton-Streuung

Photon-Lepton-Streuung
DEU for photon-lepton scattering

Photon-Lepton-Wechselwirkung
DEU for photon-lepton interactions

photon-meson interactions
BT photon-hadron interactions
PT photon-hadron interactions
RT photon-meson scattering
DEU Photon-Meson-Wechselwirkung

photon-meson scattering
BT photon-hadron scattering
PT photon-hadron scattering
RT photon-meson interactions
DEU Photon-Meson-Streuung

Photon-Meson-Streuung
DEU for photon-meson scattering

Photon-Meson-Wechselwirkung
DEU for photon-meson interactions

photon-muon interactions
BT photon-lepton interactions
PT photon-lepton interactions
RT photon-muon scattering
DEU Photon-Muon-Wechselwirkung

photon-muon scattering
BT photon-lepton scattering
PT photon-lepton scattering
RT photon-muon interactions
DEU Photon-Muon-Streuung

Photon-Muon-Streuung
DEU for photon-muon scattering

Photon-Muon-Wechselwirkung
DEU for photon-muon interactions

photon-neutrino interactions
BT photon-lepton interactions
PT neutrino interactions
photon-lepton interactions
RT neutrino interactions
photon-neutrino scattering
DEU Photon-Neutrino-Wechselwirkung

photon-neutrino scattering
BT photon-lepton scattering
PT neutrino scattering
photon-lepton scattering
RT neutrino scattering
photon-neutrino interactions
DEU Photon-Neutrino-Streuung

Photon-Neutrino-Streuung
DEU for photon-neutrino scattering

Photon-Neutrino-Wechselwirkung
DEU for photon-neutrino interactions

photon-neutron interactions
BT photon-nucleon interactions
PT photon-nucleon interactions
RT photon-neutron scattering
DEU Photon-Neutron-Wechselwirkung

photon-neutron scattering
BT photon-nucleon scattering
PT photon-nucleon scattering
RT photon-neutron interactions
DEU Photon-Neutron-Streuung

Photon-Neutron-Streuung
DEU for photon-neutron scattering

Photon-Neutron-Wechselwirkung
DEU for photon-neutron interactions

photon-nucleon interactions
BT photon-baryon interactions
NT photon-neutron interactions
photon-proton interactions
PT neutron interactions
nucleon interactions
photon interactions
proton interactions
RT photon-nucleon scattering
photon-nucleus reactions
DEU Photon-Nukleon-Wechselwirkung

photon-nucleon scattering
BT photon-baryon scattering
NT photon-neutron scattering
photon-proton scattering
PT neutron scattering
nucleon scattering
photon scattering
proton scattering
RT photon-nucleon interactions
photon-nucleus scattering
DEU Photon-Nukleon-Streuung

photon-nucleus reactions
BT nuclear reactions and scattering
NT photodisintegration
SY *nuclear photoeffect*
UF *photon interactions / photon-deuteron interactions + photon-hadron interactions + photon-lepton interactions + photon-nucleus reactions + photon-photon interactions*

SY *photonuclear reactions*
PT nuclear reactions and scattering due to photons
RT photon-deuteron interactions
photon-nucleon interactions
DEU Photon-Atomkern-Reaktion

photon-nucleus scattering
BT nuclear reactions and scattering
UF *photon scattering / photon-deuteron scattering* + *photon-hadron scattering* + *photon-lepton scattering* + *photon-nucleus scattering* + *photon-photon scattering*
PT nuclear reactions and scattering due to photons
RT photon-deuteron scattering
photon-nucleon scattering
DEU Photon-Atomkern-Streuung

Photon-Nukleon-Streuung
DEU for photon-nucleon scattering

Photon-Nukleon-Wechselwirkung
DEU for photon-nucleon interactions

photon-phonon excitations
USE polaritons

photon-photon interactions
BT elementary particle interactions
UF *photon interactions / photon-deuteron interactions* + *photon-hadron interactions* + *photon-lepton interactions* + *photon-nucleus reactions* + *photon-photon interactions*
PT photon interactions
RT photon-photon scattering
DEU Photon-Photon-Wechselwirkung

photon-photon scattering
BT elementary particle scattering
UF *photon scattering / photon-deuteron scattering* + *photon-hadron scattering* + *photon-lepton scattering* + *photon-nucleus scattering* + *photon-photon scattering*
PT photon scattering
RT photon-photon interactions
DEU Photon-Photon-Streuung

Photon-Photon-Streuung
DEU for photon-photon scattering

Photon-Photon-Wechselwirkung
DEU for photon-photon interactions

photon-proton interactions
BT photon-nucleon interactions
PT photon interactions
proton interactions
RT photon-proton scattering
DEU Photon-Proton-Wechselwirkung

photon-proton scattering
BT photon-nucleon scattering
PT photon scattering
proton scattering
RT photon-proton interactions
DEU Photon-Proton-Streuung

Photon-Proton-Streuung
DEU for photon-proton scattering

Photon-Proton-Wechselwirkung
DEU for photon-proton interactions

Photonen-Antibündelung
DEU for photon antibunching

Photonen-Antibunching
DUS für photon antibunching

Photonen-Polarisation
DEU for photon polarisation

Photonen-Zusammenstoß
DEU for photon collisions

photonenangeregte Desorption
DEU for photon stimulated desorption

Photonenantibündelung
DUS für photon antibunching

Photonenantibunching
DUS für photon antibunching

Photonenecho
DEU for photon echo

Photonenkorrelations-Spektroskopie
DEU for photon correlation spectroscopy

Photonenkorrelationsspektroskopie
DUS für photon correlation spectroscopy

Photonenpolarisation
DUS für photon polarisation

Photonentransporttheorie
DEU for photon transport theory

Photonenzählung
DEU for photon counting

photonic band gap
BT optical constants
SY *electromagnetic band gap*
photonic band structure
RT electromagnetic metamaterials
energy gap
holey fibres
microcavities
microwave metamaterials
optical metamaterials
photonic crystals
quantum optics
refractive index
terahertz metamaterials
DEU photonische Bandlücke
DSY photonische Frequenzlücke
photonischer Bandabstand

photonic band structure
USE photonic band gap

photonic crystal fibers
USE holey fibres
\+ photonic crystals

photonic crystal fibres
USE holey fibres
\+ photonic crystals

photonic crystals
BT periodic structures
SY *2D photonic crystals*
UF *photonic crystal fibers / holey fibres + photonic crystals*
UF *photonic crystal fibres / holey fibres + photonic crystals*
SY *two-dimensional photonic crystals*
PT photonic band gap
RT electromagnetic metamaterials
holey fibres
metamaterials
microwave devices
microwave metamaterials
microwave photonics
nonlinear optics
optical fibres
optical materials
optical metamaterials
optical waveguides
photonic band gap
radiofrequency filters
slow light
spontaneous emission
supercontinuum generation
terahertz metamaterials
DEU photonischer Kristall

photonic integrated circuits
USE integrated optics

photonic lattices
USE optical lattices

photonic logic
USE optical logic

photonic metamaterials
USE optical metamaterials
\+ terahertz metamaterials

photonic switching systems
BT optical communication equipment
optical switches
telecommunication switching
PT optical communication equipment
optical switches
switching systems
RT asynchronous transfer mode
packet switching
switching networks
DEU photonisches Schaltsystem

photonische Bandlücke
DEU for photonic band gap

photonische Frequenzlücke
DUS für photonic band gap

photonischer Bandabstand
DUS für photonic band gap

photonischer Kristall
DEU for photonic crystals

photonisches Schaltsystem
DEU for photonic switching systems

Photonpolarisation
DUS für photon polarisation

Photonproduktion
DEU for photon production

photons
BT bosons
RT gamma-rays
light
photon polarisation
photon production
photon transport theory

X-rays
DEU Photon

photonuclear reactions
USE photon-nucleus reactions

Photophorese
DEU for photophoresis

photophoresis
UF *light-induced drift / photophoresis + radiation pressure*
RT disperse systems
radiation pressure
transport processes
DEU Photophorese

photoplasticity
BT plasticity
PT plasticity
RT stress analysis
DEU Photoplastizität

Photoplastizität
DEU for photoplasticity

Photoplethysmographie
DUS für photoplethysmography

photoplethysmography
BT plethysmography
PT plethysmography
RT cardiology
haemodynamics
patient monitoring
pneumodynamics
volume measurement
DEU Fotoplethysmografie
DSY Photoplethysmographie

Photopolymer
DUS für optical polymers

photopolymers
USE optical polymers

photoproduction
USE hadron photoproduction

photoreceivers
USE optical receivers

photoreflectance
BT reflectivity
PT reflectivity
RT modulation spectra
DEU Photoreflektanz
DSY Photoreflexion
Photoreflexionsvermögen

Photoreflektanz
DEU for photoreflectance

Photoreflexion
DUS für photoreflectance

Photoreflexionsvermögen
DUS für photoreflectance

photorefractive effect
BT optical properties
PT refractive index
RT electro-optical effects
nonlinear optics
photoelectricity
photorefractive materials
refractive index
DEU fotorefraktiver Effekt
DSY Photorefraktionseffekt
photorefraktiver Effekt

photorefractive materials
BT optical materials
PT optical materials
photorefractive effect
RT holography
multiwave mixing
optical phase conjugation
photorefractive effect
DEU photorefraktiver Werkstoff

Photorefraktionseffekt
DUS für photorefractive effect

photorefraktiver Effekt
DUS für photorefractive effect

photorefraktiver Werkstoff
DEU for photorefractive materials

photoresistors
BT resistors
RT photoconducting devices
DEU Photowiderstand

photoresists
BT photolithography
resists
UF *X-ray resists / photoresists + X-ray lithography*
PT printed circuits
semiconductor device manufacture
RT electron resists
immersion lithography
integrated circuit technology
printed circuits
reticles

semiconductor technology
spin coating
ultraviolet lithography
DEU Photolack

Photosatz
DUS für photo typesetting

photosensitisation
USE photochemistry

Photospaltung
DEU for photofission

Photosphäre
DEU for photosphere

photosphere
BT solar atmosphere
UF *faculae / photosphere + solar activity*
RT sunspots
DEU Photosphäre

photostimulated exoelectron emission
USE exoelectron emission

Photosynthese
DEU for photosynthesis

photosynthesis
BT photochemistry
PT biomolecular effects of radiation
cellular effects of radiation
solar energy conversion
RT bioenergy conversion
biomimetics
biomolecular effects of radiation
cellular effects of radiation
solar energy conversion
DEU Photosynthese

photothermal conversion
BT direct energy conversion
NT solar absorber-convertors
PT direct energy conversion
RT solar heating
solar ponds
DEU fotothermische Energieumwandlung
DSY photothermale Energieumwandlung
photothermische Energieumwandlung

photothermal effects
NT photothermal spectroscopy
SY *optothermal effects*
photothermal imaging
thermal wave imaging
RT photoacoustic effect
DEU Fotothermaleffekt
DSY fotothermischer Effekt
Photothermaleffekt

photothermal imaging
USE photothermal effects

photothermal spectroscopy
BT photothermal effects
spectroscopy
SY *optothermal spectroscopy*
PT spectroscopy
RT photoacoustic spectroscopy
DEU Fotothermal-Spektroskopie
DSY fotothermale Spektroskopie
Fotothermalspektroskopie
fotothermische Spektroskopie
Photothermal-Spektroskopie
photothermale Spektroskopie
Photothermalspektroskopie
photothermische Spektroskopie

Photothermal-Spektroskopie
DUS für photothermal spectroscopy

photothermale Energieumwandlung
DUS für photothermal conversion

photothermale Spektroskopie
DUS für photothermal spectroscopy

Photothermaleffekt
DUS für photothermal effects

Photothermalspektroskopie
DUS für photothermal spectroscopy

photothermische Energieumwandlung
DUS für photothermal conversion

photothermische Spektroskopie
DUS für photothermal spectroscopy

Photothyristor
DUS für photothyristors

photothyristors
BT photoelectric devices
thyristors
SY *optical thyristors*
PT thyristors
RT integrated optoelectronics

optical switches
DEU Fotothyristor
DSY Photothyristor

Phototransistor
DEU for phototransistors

phototransistors
BT photoconducting devices
transistors
RT integrated optoelectronics
photodetectors
DEU Phototransistor

phototubes
BT cold-cathode tubes
photoelectric devices
NT photomultipliers
SY *photoelectric tubes*
RT microchannel plates
photocathodes
photodiodes
television camera tubes
DEU Photozelle

Photovervielfacher
DEU for photomultipliers

photovoltaic cells
BT photoelectric cells
NT thermophotovoltaic cells
RT photovoltaic effects
photovoltaic power systems
solar cells
DEU Photoelement
DSY photovoltaische Zelle

photovoltaic detectors
USE infrared detectors
\+ photodetectors

photovoltaic effects
BT photoelectricity
NT surface photovoltage
UF *photogalvanic effects / photoconductivity + photovoltaic effects*
RT Dember effect
optogalvanic spectra
photovoltaic cells
semiconductors
thermophotovoltaic cells
DEU fotovoltaischer Effekt
DSY photovoltaischer Effekt

photovoltaic power systems
BT power systems
NT building integrated photovoltaics
PT solar power stations
RT hybrid power systems
maximum power point trackers
photovoltaic cells
renewable energy sources
solar cell arrays
solar cells
solar power
solar power stations
DEU photovoltaisches Energienetz

photovoltaic solar cells
USE solar cells

photovoltaische Zelle
DUS für photovoltaic cells

photovoltaischer Effekt
DUS für photovoltaic effects

photovoltaisches Energienetz
DEU for photovoltaic power systems

Photowiderstand
DEU for photoresistors

Photowiderstandsbauelement
DUS für photoconducting devices

Photowiderstandsmaterial
DUS für photoconducting materials

Photowiderstandsschalter
DUS für photoconducting switches

Photowiderstandswerkstoff
DUS für photoconducting materials

Photowiderstandszelle
DUS für photoconductive cells

Photozelle
DUS für photoelectric cells

Photozelle
DEU for phototubes

Photozersetzung
DUS für photodissociation

phylogenetics
USE evolution (biological)
\+ genetics

physical chemistry
BT chemistry
NT chemical analysis
chemical equilibrium
chemical structure
crystal chemistry
electrochemistry
nuclear chemistry
pH value
photochemistry
precipitation (physical chemistry)
quantum chemistry
radiation chemistry
solvated electrons
surface chemistry
thermochemistry
SY *chemistry, physical*
RT chemical reactions
chemical technology
metallurgy
thermodynamics
valency
DEU physikalische Chemie

physical data, collections of
USE collections of physical data

physical distribution management
USE logistics

physical instrumentation control
NT accelerator control systems
RT computerised instrumentation
high energy physics
instrumentation computing
instrumentation
physics computing
DEU physikalische Instrumentierungskontrolle

physical optics
BT optics
NT optical vortices
SY *singular optics*
wave optics
PT optics
RT physical theory of diffraction
DEU physikalische Optik

physical theory of diffraction
BT electromagnetic wave diffraction
SY *PTD*
PT electromagnetic wave diffraction
physical optics
RT geometrical theory of diffraction
physical optics
DEU physikalische Theorie der Beugung

physics
BT natural sciences
NT biophysics
econophysics
nuclear physics
physics education
RT materials science computing
physics computing
DEU Physik

physics computing
BT natural sciences computing
NT computational electromagnetics
computational fluid dynamics
high energy physics
instrumentation computing
materials science computing
spectroscopy computing
PT computational physics
physics applications of computers
RT accelerator control systems
computerised instrumentation
optical engineering computing
physical instrumentation control
physics
DEU Computeranwendung in der Physik
DSY physikalische Computeranwendung
physikalische Rechneranwendung
Rechneranwendung in der Physik
rechnerunterstützte Physik

physics education
BT education
physics
PT education
physics
RT computer aided instruction
educational courses
student experiments
teaching
training
DEU physikalische Ausbildung
DSY physikalische Bildung
Physikausbildung

physics fundamentals
NT complementarity
fundamental law tests
SY *fundamentals of physics*
RT causality
classical field theory
cosmology
elementary particles
light velocity
mechanics
quantum field theory

quantum theory
relativity
thermodynamics
vacuum (elementary particles)
DEU Grundlagenphysik
DSY physikalische Grundlage

Physik
DEU for physics

physikalische Ausbildung
DEU for physics education

physikalische Bildung
DUS für physics education

physikalische Chemie
DEU for physical chemistry

physikalische Computeranwendung
DUS für physics computing

physikalische Grundlage
DUS für physics fundamentals

physikalische Instrumentierungskontrolle
DEU for physical instrumentation control

physikalische Optik
DEU for physical optics

physikalische Rechneranwendung
DUS für physics computing

physikalische Theorie der Beugung
DEU for physical theory of diffraction

physikalischer Server
DEU for client-server systems

physikalisches Phasengrenzenphänomen
DUS für interface phenomena

Physikausbildung
DUS für physics education

physiological models
BT modelling
NT brain models
RT anthropometry
living systems
physiology
DEU physiologisches Modell

physiological optics
USE vision
DEU physiologische Optik

Physiologie
DEU for physiology

physiologische Druckmessung
DUS für pressure measurement

physiologische Optik
DEU for physiological optics

physiologisches Modell
DEU for physiological models

physiology
BT biology
NT neurophysiology
sleep
RT biological organs
blood
ergonomics
haemodynamics
hearing
kidney
liver
lung
medicine
physiological models
skin
vision
DEU Physiologie

physisorption
USE adsorption
\+ sorption

phytoplankton
USE microorganisms

pi calculus
BT process algebra
PT process algebra
RT lambda calculus
DEU Pi-Berechnung
DSY Pi-Kalkül

PI control
BT proportional control
two-term control
SY *proportional + integral control*
PT two-term control
DEU PI-Regelung
DSY PI-Steuerung
PI-Steuerung- und Regelung

pi mesons
USE pions

Pi-Berechnung
DEU for pi calculus

Pi-Kalkül
DUS für pi calculus

PI-Regelung
DEU for PI control

PI-Steuerung
DUS für PI control

PI-Steuerung- und Regelung
DUS für PI control

Pick-up (audio)
DEU for pick-ups

pick-up reactions
BT direct reactions
PT nuclear reactions and scattering
DEU Pick-Up-Reaktion

pick-up tubes, television
USE television camera tubes

Pick-Up-Reaktion
DEU for pick-up reactions

pick-ups
BT audio equipment
transducers
SY *pickups*
RT Hi-Fi equipment
recording
sound reproduction
television cameras
DEU Pick-up (audio)
DSY Tonabnehmer (Plattenspieler)

pickling (materials processing)
BT surface cleaning
PT surface cleaning
RT steel industry
surface chemistry
DEU Beizen (Materialbearbeitung)

pickups
USE pick-ups

picocellular radio
BT cellular radio
PT cellular radio
RT Bluetooth
indoor radio
personal communication networks
radiowave propagation
DEU pikozellularer Funk
DSY pikozellulares Radio

piconets
USE personal area networks

pictorial databases
USE visual databases

picture archiving and communication systems
USE PACS

picture pattern recognition
USE image recognition

picture processing
USE image processing

picture tubes, television
USE television picture tubes

PID control
USE three-term control

PID-Regelung
DUS für three-term control

piecewise constant techniques
RT control system analysis
control system synthesis
nonlinear control systems
optimal control
piecewise linear techniques
piecewise polynomial techniques
DEU stückweise Konstantentechnik

piecewise linear techniques
BT control theory
mathematics
PT piecewise-linear techniques
RT chaos generators
Chua's circuit
control system analysis
control system synthesis
difference equations
linearisation techniques
nonlinear control systems
piecewise constant techniques
piecewise polynomial techniques
DEU stückweise lineare Technik

piecewise polynomial techniques
BT polynomial approximation
RT control system analysis
control system synthesis

difference equations
nonlinear control systems
piecewise constant techniques
piecewise linear techniques
DEU stückweise polynomiale Technik

Pierce electron guns
USE electron guns

piezo-magneto-optical effects
USE magneto-optical effects
\+ piezo-optical effects

piezo-optical effects
BT optical properties
stress effects
NT piezoreflectance
UF *elasto-optical effects / photoelasticity + piezo-optical effects*
UF *piezo-magneto-optical effects / magneto-optical effects + piezo-optical effects*
SY *piezooptical effects*
strain-optical coefficients
stress-optical effects
PT stress effects
RT high-pressure effects
photoelasticity
DEU piezo-optischer Effekt

piezo-optischer Effekt
DEU for piezo-optical effects

piezoceramics
BT ceramics
piezoelectric materials
SY *piezoelectric ceramics*
PT ceramics
piezoelectric materials
RT ceramic capacitors
ferroelectric ceramics
DEU piezoelektrische Keramik
DSY Piezokeramik

piezoelectric actuators
BT electric actuators
piezoelectric devices
PT electric actuators
piezoelectric devices
RT electroactive polymer actuators
piezoelectric motors
piezoelectric transducers
DEU piezoelektrische Betätigung
DSY piezoelektrische Betätigungsvorrichtung
piezoelektrische Stellvorrichtung
piezoelektrische Steuerung
piezoelektrischer Aktor
piezoelektrischer Aktuator
piezoelektrischer Antrieb
piezoelektrischer Betätiger
piezoelektrischer Schalter
piezoelektrischer Stellantrieb
piezoelektrisches Betätigungsglied
piezoelektrisches Betätigungsorgan
piezoelektrisches Stellglied
piezoelektromotorisches Stellelement

piezoelectric ceramics
USE piezoceramics

piezoelectric devices
BT dielectric devices
NT crystal filters
crystal resonators
piezoelectric actuators
piezoelectric motors
piezoelectric transducers
RT acoustic variables measurement
energy harvesting
mechanical testing
piezoelectric materials
piezoelectricity
piezoresistive devices
sonar
surface acoustic wave devices
ultrasonic transducers
DEU piezoelektrisches Bauelement
DSY piezoelektrisches Gerät

piezoelectric effects
USE piezoelectricity

piezoelectric energy harvesting
USE energy harvesting
\+ piezoelectric transducers

piezoelectric filters
USE crystal filters

piezoelectric materials
BT dielectric materials
NT piezoceramics
piezoelectric semiconductors
RT electrostriction
intelligent materials
piezoelectric devices
piezoelectric oscillations
piezoelectric thin films
piezoelectric transducers
piezoelectricity
quartz

DEU piezoelektrischer Stoff
DSY piezoelektrischer Werkstoff
piezoelektrisches Material

piezoelectric motors
BT electric motors
piezoelectric devices
NT ultrasonic motors
PT electric motors
piezoelectric devices
small electric machines
ultrasonic devices
RT piezoelectric actuators
small electric machines
ultrasonic devices
DEU piezoelektrischer Motor

piezoelectric oscillations
BT oscillations
RT crystal oscillators
piezoelectric materials
piezoelectricity
vibrations
DEU piezoelektrische Oszillation

piezoelectric resonators
USE crystal resonators

piezoelectric semiconductors
BT piezoelectric materials
polar semiconductors
PT piezoelectric materials
semiconductor materials
RT acoustoelectric effects
DEU piezoelektrischer Halbleiter

piezoelectric thin films
BT dielectric thin films
PT piezoelectric materials
thin films
RT piezoelectric materials
DEU piezoelektrische Dünnschicht

piezoelectric transducers
BT instruments
piezoelectric devices
transducers
NT interdigital transducers
UF *piezoelectric energy harvesting / energy harvesting + piezoelectric transducers*
PT transducers
RT acoustic transducers
piezoelectric actuators
piezoelectric materials
pressure transducers
ultrasonic transducers
DEU piezoelektrischer Geber
DSY piezoelektrischer Wandler

piezoelectricity
BT dielectric properties
electromechanical effects
stress effects
SY *piezoelectric effects*
RT electrostriction
ferroelectric materials
piezoelectric devices
piezoelectric materials
piezoelectric oscillations
piezoresistance
DEU Piezoelektrizität

piezoelektrische Betätigung
DEU for piezoelectric actuators

piezoelektrische Betätigungsvorrichtung
DUS für piezoelectric actuators

piezoelektrische Dünnschicht
DEU for piezoelectric thin films

piezoelektrische Keramik
DEU for piezoceramics

piezoelektrische Oberfläche
DEU for crystal faces

piezoelektrische Oszillation
DEU for piezoelectric oscillations

piezoelektrische Stellvorrichtung
DUS für piezoelectric actuators

piezoelektrische Steuerung
DUS für piezoelectric actuators

piezoelektrische Wechselwirkung
DUS für crystal field interactions

piezoelektrischer Aktor
DUS für piezoelectric actuators

piezoelektrischer Aktuator
DUS für piezoelectric actuators

piezoelektrischer Antrieb
DUS für piezoelectric actuators

piezoelektrischer Betätiger
DUS für piezoelectric actuators

piezoelektrischer Geber
DEU for piezoelectric transducers

piezoelektrischer Halbleiter
DEU for piezoelectric semiconductors

piezoelektrischer Motor
DEU for piezoelectric motors

piezoelektrischer Schalter
DUS für piezoelectric actuators

piezoelektrischer Schwinger
DUS für crystal resonators

piezoelektrischer Stellantrieb
DUS für piezoelectric actuators

piezoelektrischer Stoff
DEU for piezoelectric materials

piezoelektrischer Ultraschallmotor
DEU for ultrasonic motors

piezoelektrischer Wandler
DUS für piezoelectric transducers

piezoelektrischer Werkstoff
DUS für piezoelectric materials

piezoelektrisches Bauelement
DEU for piezoelectric devices

piezoelektrisches Betätigungsglied
DUS für piezoelectric actuators

piezoelektrisches Betätigungsorgan
DUS für piezoelectric actuators

piezoelektrisches Filter
DEU for crystal filters

piezoelektrisches Gerät
DUS für piezoelectric devices

piezoelektrisches Material
DUS für piezoelectric materials

piezoelektrisches Stellglied
DUS für piezoelectric actuators

Piezoelektrizität
DEU for piezoelectricity

piezoelektromotorisches Stellelement
DUS für piezoelectric actuators

Piezokeramik
DUS für piezoceramics

piezomagnetic effects
USE magnetomechanical effects

piezooptical effects
USE piezo-optical effects

piezoreflectance
BT piezo-optical effects
reflectivity
PT piezo-optical effects
reflectivity
RT modulation spectra
DEU Piezoreflektanz

Piezoreflektanz
DEU for piezoreflectance

piezoresistance
BT electrical resistivity
stress effects
SY *elastoresistance*
RT piezoelectricity
piezoresistive devices
DEU Piezowiderstand

piezoresistive devices
BT semiconductor devices
UF *piezoresistors / piezoresistive devices + resistors*
PT piezoelectric devices
piezoelectric transducers
piezoresistance
RT electric sensing devices
piezoelectric devices
piezoresistance
pressure sensors
resistors
DEU piezoresistives Bauelement
DSY piezoresistives Gerät
Piezowiderstandsbauelement

piezoresistives Bauelement
DEU for piezoresistive devices

piezoresistives Gerät
DUS für piezoresistive devices

piezoresistors
USE piezoresistive devices
\+ resistors

Piezowiderstand
DEU for piezoresistance

Piezowiderstandsbauelement
DUS für piezoresistive devices

PIFA
USE planar inverted-F antennas

pig iron
USE cast iron

PIGE
USE ion microprobe analysis

Pigment
DEU for pigments

pigments
BT production materials
PT production materials
RT dyes
enamels
glazes
ink
paints
varnish
DEU Pigment

PIII
USE plasma immersion ion implantation

pikozellularer Funk
DEU for picocellular radio

pikozellulares Radio
DUS für picocellular radio

pile driving
USE Fotovoltaikbuilding
\+ foundations

piles (nuclear fission)
USE fission reactors

piles (structural engineering)
USE foundations

PIN diodes
USE p-i-n diodes

pin grid arrays
USE electronics packaging

PIN photodiodes
USE p-i-n photodiodes

pin-Diode
DEU for p-i-n diodes

pin-Photodiode
DEU for p-i-n photodiodes

pinch effect
BT plasma confinement
NT reversed field pinch
Z pinch
UF *Levitron / pinch effect + plasma devices*
SY *magnetic pinch*
plasma pinch
theta pinch
PT plasma confinement
RT magnetic fields
stellarators
DEU Pinch-Effekt

Pinch-Effekt
DEU for pinch effect

Pinch-Effekt-Fluktuation
DUS für reversed field pinch

pincushion distortion
USE aberrations

Pion
DEU for pions

pion decay
BT meson decay
RT pions
DEU Pion-Zerfall

pion interactions
USE meson-meson interactions
\+ pion-baryon interactions
\+ pion-deuteron interactions
\+ pion-nucleus reactions
\+ pion-pion interactions

pion production
BT meson production
RT pionisation
pions
DEU Pionproduktion

pion reactions
USE pion-nucleus reactions

pion scattering
USE meson-meson scattering
\+ pion-baryon scattering
\+ pion-deuteron scattering
\+ pion-nucleus scattering
\+ pion-pion scattering

Pion-Atomkern-Reaktion
DEU for pion-nucleus reactions

Pion-Atomkern-Streuung
DEU for pion-nucleus scattering

pion-baryon interactions
BT meson-baryon interactions
UF *pion interactions / meson-meson interactions + pion-baryon interactions + pion-deuteron interactions + pion-nucleus reactions + pion-pion interactions*
PT pion interactions
RT pion-baryon scattering
DEU Pion-Baryon-Wechselwirkung

pion-baryon scattering
BT meson-baryon scattering
UF *pion scattering / meson-meson scattering + pion-baryon scattering + pion-deuteron scattering + pion-nucleus scattering + pion-pion scattering*
PT baryon scattering
pion scattering
RT pion-baryon interactions
DEU Pion-Baryon-Streuung

Pion-Baryon-Streuung
DEU for pion-baryon scattering

Pion-Baryon-Wechselwirkung
DEU for pion-baryon interactions

pion-deuteron interactions
BT meson-deuteron interactions
UF *pion interactions / meson-meson interactions + pion-baryon interactions + pion-deuteron interactions + pion-nucleus reactions + pion-pion interactions*
PT meson-deuteron interactions
RT pion-deuteron scattering
DEU Pion-Deuteron-Wechselwirkung

pion-deuteron scattering
BT meson-deuteron scattering
UF *pion scattering / meson-meson scattering + pion-baryon scattering + pion-deuteron scattering + pion-nucleus scattering + pion-pion scattering*
PT meson-deuteron scattering
RT pion-deuteron interactions
DEU Pion-Deuteron-Streuung

Pion-Deuteron-Streuung
DEU for pion-deuteron scattering

Pion-Deuteron-Wechselwirkung
DEU for pion-deuteron interactions

pion-hyperon interactions
BT meson-hyperon interactions
PT pion interactions
RT pion-hyperon scattering
DEU Pion-Hyperon-Wechselwirkung

pion-hyperon scattering
BT meson-hyperon scattering
PT hyperon scattering
pion scattering
RT pion-hyperon interactions
DEU Pion-Hyperon-Streuung

Pion-Hyperon-Streuung
DEU for pion-hyperon scattering

Pion-Hyperon-Wechselwirkung
DEU for pion-hyperon interactions

pion-kaon interactions
BT meson-meson interactions
PT meson-meson interactions
RT pion-kaon scattering
DEU Pion-Kaon-Wechselwirkung

pion-kaon scattering
BT meson-meson scattering
PT meson-meson scattering
RT pion-kaon interactions
DEU Pion-Kaon-Streuung

Pion-Kaon-Streuung
DEU for pion-kaon scattering

Pion-Kaon-Wechselwirkung
DEU for pion-kaon interactions

pion-neutron interactions
BT pion-nucleon interactions
PT pion-nucleon interactions
RT pion-neutron scattering
DEU Pion-Neutron-Wechselwirkung

pion-neutron scattering
BT pion-nucleon scattering
PT pion-nucleon scattering
RT pion-neutron interactions
DEU Pion-Neutron-Streuung

Pion-Neutron-Streuung
DEU for pion-neutron scattering

Pion-Neutron-Wechselwirkung
DEU for pion-neutron interactions

pion-nucleon interactions
BT meson-nucleon interactions
NT pion-neutron interactions
pion-proton interactions
RT pion-nucleon scattering
pion-nucleus reactions
DEU Pion-Nukleon-Wechselwirkung

pion-nucleon scattering
BT meson-nucleon scattering
NT pion-neutron scattering
pion-proton scattering
RT pion-nucleon interactions
pion-nucleus scattering
DEU Pion-Nukleon-Streuung

pion-nucleus reactions
BT meson-nucleus reactions
UF *pion interactions / meson-meson interactions + pion-baryon interactions + pion-deuteron interactions + pion-nucleus reactions + pion-pion interactions*
SY *pion reactions*
PT nuclear reactions and scattering due to mesons
RT pion-nucleon interactions
DEU Pion-Atomkern-Reaktion

pion-nucleus scattering
BT meson-nucleus scattering
UF *pion scattering / meson-meson scattering + pion-baryon scattering + pion-deuteron scattering + pion-nucleus scattering + pion-pion scattering*
PT nuclear reactions and scattering due to mesons
RT pion-nucleon scattering
DEU Pion-Atomkern-Streuung

Pion-Nukleon-Streuung
DEU for pion-nucleon scattering

Pion-Nukleon-Wechselwirkung
DEU for pion-nucleon interactions

pion-pion interactions
BT meson-meson interactions
UF *pion interactions / meson-meson interactions + pion-baryon interactions + pion-deuteron interactions + pion-nucleus reactions + pion-pion interactions*
RT pion-pion scattering
DEU Pion-Pion-Wechselwirkung

pion-pion scattering
BT meson-meson scattering
UF *pion scattering / meson-meson scattering + pion-baryon scattering + pion-deuteron scattering + pion-nucleus scattering + pion-pion scattering*
RT pion-pion interactions
DEU Pion-Pion-Streuung

Pion-Pion-Streuung
DEU for pion-pion scattering

Pion-Pion-Wechselwirkung
DEU for pion-pion interactions

pion-proton inclusive interactions
BT elementary particle inclusive interactions
pion-proton interactions
PT elementary particle inclusive reactions
pion-proton interactions
RT elementary particle jets
DEU Pion-Proton-Inklusive-Wechselwirkung

pion-proton interactions
BT pion-nucleon interactions
NT pion-proton inclusive interactions
RT pion-proton scattering
DEU Pion-Proton-Wechselwirkung

pion-proton scattering
BT pion-nucleon scattering
RT pion-proton interactions
DEU Pion-Proton-Streuung

Pion-Proton-Inklusive-Wechselwirkung
DEU for pion-proton inclusive interactions

Pion-Proton-Streuung
DEU for pion-proton scattering

Pion-Proton-Wechselwirkung
DEU for pion-proton interactions

Pion-Zerfall
DEU for pion decay

pionic atoms
BT mesic atoms
PT mesic atoms
RT kaonic atoms
DEU pionisches Atom

pionisation
BT hadron production
SY *pionization*
PT hadron production
RT pion production
DEU Pionisierung

pionisches Atom
DEU for pionic atoms

Pionisierung
DEU for pionisation

pionization
USE pionisation

Pionproduktion
DEU for pion production

pions
BT mesons
SY *pi mesons*
RT pion decay
pion production
DEU Pion

pipe diffusion
USE diffusion

pipe flow
BT confined flow
SY *duct flow*
Hagen flow
UF *Hagen-Poiseuille flow / pipe flow + Poiseuille flow*
SY *tube flow*
PT flow
RT channel flow
peristaltic flow
pipelines
pipes
Poiseuille flow
pulsatile flow
DEU Rohrströmung

Pipeline
DEU for pipelines

pipeline arithmetic
BT digital arithmetic
pipeline processing
PT digital arithmetic
pipeline processing
DEU Pipelinearithmetik

pipeline processing
BT distributed processing
NT pipeline arithmetic
PT multiprocessing programs
multiprocessing systems
RT multiprocessing programs
multiprocessing systems
parallel processing
vector processor systems
DEU Pipeline-System (DV)

Pipeline-System (DV)
DEU for pipeline processing

Pipelinearithmetik
DEU for pipeline arithmetic

pipelines
SY *gas pipelines*
oil pipelines
water pipelines
PT natural gas technology
oil technology
water supply
RT materials handling
natural gas technology
oil technology
pipe flow
pipes
underground equipment
water supply
DEU Pipeline

pipes
BT mechanical products
SY *tubes*
PT pipelines
RT bushings
ducts
electric conduits
flanges
hoses
linings
manifolds
pipe flow
pipelines
plumbing equipment
threading (machining)
DEU Röhre
DSY Rohr

pipes, cable
USE electric conduits

Pique
USE cotton fabrics

piracy, software
USE computer crime

pistons
BT machine components
RT engine cylinders
engines
gaskets
rings (structures)
shafts
DEU Kolben

PIXE
USE ion microprobe analysis
+ X-ray chemical analysis

PKI
USE public key cryptography

Pkw
DUS für automobiles

Pkw-Technik
DUS für automotive engineering

PL/1
BT high level languages
RT PL/1 listings
DEU PL/1 (Programmiersprache)

PL/1 (Programmiersprache)
DEU for PL/1

PL/1 listings
BT complete computer programs
PT complete computer programs
RT PL/1
DEU PL/1-Programm

PL/1-Programm
DEU for PL/1 listings

PLA
USE programmable logic arrays

PLA programming
USE PLD programming

place transition nets
USE Petri nets

plages
USE chromosphere
+ solar activity

planar antenna arrays
BT antenna arrays
planar antennas
PT antenna arrays
RT planar inverted-F antennas
DEU Planargruppenantenne

planar antennas
BT antennas
NT planar antenna arrays
planar inverted-F antennas
RT antenna radiation patterns
microstrip antennas
DEU Planarantenne

planar inverted-F antennas
BT planar antennas
SY *PIFA*
PT antennas
RT antenna radiation patterns
microstrip antennas
mobile antennas
multifrequency antennas
planar antenna arrays
UHF antennas
DEU Planar-Inverted-F-Antenne

planar waveguide lasers
USE waveguide lasers

planar waveguides
BT waveguides
NT optical planar waveguides
PT waveguides
RT coplanar waveguides
substrate integrated waveguides
DEU ebener Wellenleiter

Planar-Inverted-F-Antenne
DEU for planar inverted-F antennas

Planarantenne
DEU for planar antennas

Planargruppenantenne
DEU for planar antenna arrays

planarisation
BT surface treatment
UF *chemical mechanical planarisation / chemical mechanical polishing + planarisation*
SY *planarization*
PT surface treatment
RT chemical mechanical polishing
dielectric thin films
integrated circuit interconnections
integrated circuit metallisation

surface topography
DEU Planarisieren
DSY Planarisierung

Planarisieren
DEU for planarisation

Planarisierung
DUS für planarisation

planarization
USE planarisation

plane polarisation
USE polarisation

plane polarization
USE polarisation

Planen
DEU for planning

Planet
DEU for planets

planetare Chemie
DUS für planetary chemistry

planetaria
USE astronomical instruments

planetarischer Satellit
DEU for planetary satellites

planetarisches Gestein
DEU for planetary rocks

planetary atmospheres
NT terrestrial atmosphere
UF *lunar atmosphere / Moon + planetary atmospheres*
SY *planetary ionospheres*
planetary magnetospheres
UF *planetary satellite atmospheres / planetary atmospheres + planetary satellites*
SY *satellite atmospheres*
PT planets
RT entry, descent and landing (spacecraft)
magnetic reconnection
planetary chemistry
planetary composition
planetary remote sensing
planets
DEU Planetenatmosphäre

planetary bases, power supply
USE space power generation

planetary boundary layer
USE atmospheric boundary layer

planetary chemistry
BT astrochemistry
PT astrochemistry
RT planetary atmospheres
planetary composition
planetary surfaces
DEU Chemie der Planeten
DSY planetare Chemie
Planetenchemie

planetary composition
RT astrochemistry
planetary atmospheres
planetary chemistry
planetary surfaces
DEU Planetenzusammensetzung

planetary interiors
PT planets
RT planetary magnetism
planetary rocks
planets
DEU Planeteninneres

planetary ionospheres
USE planetary atmospheres

planetary landers
RT entry, descent and landing (spacecraft)
planetary rovers
planetary surfaces
space vehicles
DEU Planetenlandeapparat

planetary magnetism
BT magnetism
NT geomagnetism
PT planets
RT astrophysical magnetic fields
planetary interiors
planets
DEU Planetenmagnetismus

planetary magnetospheres
USE planetary atmospheres

planetary minerals
USE minerals
\+ planetary rocks

planetary nebulae
BT nebulae
UF *oxygen VI sequence stars / planetary nebulae + Wolf-Rayet stars*
UF *planetary nebulae nuclei / planetary nebulae + stars*
UF *WC10 stars / planetary nebulae + Wolf-Rayet stars*
UF *WC11 pn nuclei / planetary nebulae + Wolf-Rayet stars*
UF *WC11[ ] stars / planetary nebulae + Wolf-Rayet stars*
UF *WCN stars / planetary nebulae + Wolf-Rayet stars*
PT nebulae
DEU Planetennebel

planetary nebulae nuclei
USE planetary nebulae
\+ stars

planetary remote sensing
BT remote sensing
PT remote sensing
RT asteroids
astronomical instruments
astronomical techniques
comets
Moon
optical radar
planetary atmospheres
planetary satellites
planetary surfaces
planets
radar astronomy
remote sensing by laser beam
remote sensing by radar
space vehicles
spaceborne radar
DEU Planetenfernerkundung

planetary rings
PT planetary satellites
planets
RT planetary satellites
planets
DEU Planetenring

planetary rocks
NT lunar rocks
UF *planetary minerals / minerals + planetary rocks*
PT planetary surfaces
RT minerals
planetary interiors
planetary surfaces
rocks
DEU planetarisches Gestein

planetary rotation
USE rotating bodies

planetary rovers
BT vehicles
PT space vehicles
vehicles
RT aerospace robotics
entry, descent and landing (spacecraft)
mobile robots
planetary landers
remotely operated vehicles
space vehicles
telerobotics
DEU Landungsfahrzeug

planetary satellite atmospheres
USE planetary atmospheres
\+ planetary satellites

planetary satellites
NT Moon
SY *asteroid satellites*
UF *planetary satellite atmospheres / planetary atmospheres + planetary satellites*
SY *satellites, planetary*
PT planets
RT planetary remote sensing
planetary rings
planetary surfaces
planets
DEU planetarischer Satellit

planetary surfaces
NT lunar surface
SY *regoliths*
RT asteroids
entry, descent and landing (spacecraft)
meteorite craters
planetary chemistry
planetary composition
planetary landers
planetary remote sensing
planetary rocks
planetary satellites
planetary volcanism
planets
DEU Planetenoberfläche

planetary vehicles, power supply
USE space power generation

planetary volcanism
PT planetary surfaces
RT planetary surfaces
planets
volcanology
DEU Planetenvulkanismus

Planetenatmosphäre
DEU for planetary atmospheres

Planetenchemie
DUS für planetary chemistry

Planetenfernerkundung
DEU for planetary remote sensing

Planeteninneres
DEU for planetary interiors

Planetenlandeapparat
DEU for planetary landers

Planetenmagnetismus
DEU for planetary magnetism

Planetennebel
DEU for planetary nebulae

Planetenoberfläche
DEU for planetary surfaces

Planetenring
DEU for planetary rings

Planetenverbund außerhalb des Sonnensystems
DEU for extrasolar planetary composition

Planetenvulkanismus
DEU for planetary volcanism

Planetenzusammensetzung
DEU for planetary composition

planetesimals
USE circumstellar matter
\+ extrasolar planetary formation
\+ planets
\+ solar nebula

planetoids
USE asteroids

planets
NT asteroids
Earth
Jupiter
Kuiper belt objects
Mars
Mercury (planet)
Neptune
Pluto
Saturn
trans-Neptunian objects
Uranus
Venus
UF *planetesimals / circumstellar matter + extrasolar planetary formation + planets + solar nebula*
RT celestial mechanics
planetary atmospheres
planetary interiors
planetary magnetism
planetary remote sensing
planetary rings
planetary satellites
planetary surfaces
planetary volcanism
rotating bodies
solar nebula
solar system
DEU Planet

planets (extrasolar)
USE extrasolar planets

planimeters
USE area measurement

planing
BT machining
PT machining
RT planing machines
woodworking
DEU Hobeln

planing machines
BT machine tools
PT machine tools
RT planing
woodworking machines
DEU Hobelmaschine

plankton
USE microorganisms

planmäßige Abschreibung
DUS für depreciation

planmäßige Instandhaltung
DUS für preventive maintenance

planmäßige vorbeugende Instandhaltung
DUS für preventive maintenance

planning (artificial intelligence)
BT artificial intelligence
planning
NT path planning
UF *reasoning / cognition + cognitive systems + inference mechanisms + planning (artificial intelligence)*
PT artificial intelligence
RT knowledge based systems
robots
spatial reasoning
temporal reasoning
DEU Planung (AI)

planning
NT enterprise resource planning
facilities planning
planning (artificial intelligence)
power system planning
process planning
production planning
regional planning
strategic planning
telecommunication network planning
town and country planning
SY *contingency planning*
UF *financial planning / financial management + planning*
RT business continuity
corporate modelling
emergency management
management
technological forecasting
DEU Planen
DSY Planung (allgemein)
Planungsvorbereitung

plant diseases
BT diseases
SY *blight*
RT agriculture
agrochemicals
botany
crops
horticulture
microorganisms
molecular biophysics
DEU Pflanzenerkrankung
DSY Pflanzenkrankheit

plant layout
USE facilities layout

plant location
USE facility location

plants (industrial)
USE industrial plants

plants (power)
USE power plants

Planung (AI)
DEU for planning (artificial intelligence)

Planung (allgemein)
DUS für planning

Planung der Auftragsreihenfolge
DUS für flow shop scheduling

Planung eines Produktionsprogramms
DUS für master production scheduling

Planungsebene
DEU for enterprise resource planning

Planungsvorbereitung
DUS für planning

plasma
NT antennas in plasma
astrophysical plasma
dusty plasmas
plasma applications
plasma boundary layers
plasma chemistry
plasma confinement
plasma devices
plasma diagnostics
plasma heating
plasma interactions
plasma nonlinear processes
plasma production
plasma properties
plasma sheaths
plasma theory
relativistic plasmas
solid-state plasma
SY *plasmoids*
RT discharges (electric)
positive column
space charge
DEU Plasma

plasma accelerators
BT collective accelerators
plasma devices
PT collective accelerators
RT wakefield accelerators
DEU Plasmabeschleuniger

plasma Alfven waves
BT plasma magnetohydrodynamic waves
SY *Alfven waves (plasma)*
PT plasma waves
RT plasma oscillations
DEU Plasma-Alfven-Welle

plasma antennas (devices)
USE antennas
\+ plasma devices

plasma applications
BT plasma
NT plasma materials processing
plasma welding
PT plasma
RT magnetohydrodynamic conversion
ozone generators
plasma chemistry
plasma devices
plasma torches
sterilisation (microbiological)
DEU Plasmaanwendung

plasma arc sprayed coatings
BT spray coatings
SY *plasma sprayed coatings*
PT films
thin films
RT plasma arc spraying
thermal barrier coatings
DEU Plasmaspraybeschichtung
DSY Plasmasprühüberzug

plasma arc spraying
BT plasma materials processing
spray coating techniques
SY *plasma spraying*
PT coating techniques
plasma applications
RT plasma arc sprayed coatings
plasma deposition
thermal spraying
DEU Plasmabogenpritzen

plasma arc welding
USE arc welding

plasma ashing
USE sputter etching

plasma beam injection heating
BT plasma heating
plasma-beam interactions
SY *neutral beam injection (plasma)*
PT plasma heating
RT fusion reactor ignition
DEU Plasmastrahlinjektionsheizung

plasma Bernstein waves
BT plasma waves
SY *Bernstein waves*
PT plasma waves
RT plasma oscillations
DEU Plasma-Bernstein-Welle

plasma betatrons
BT collective accelerators
plasma devices
PT collective accelerators
plasma devices
RT particle accelerator accessories
DEU Plasmabetatron

plasma blowoff
USE plasma theory

plasma boundary layers
BT boundary layers
plasma
SY *boundary layers (plasma)*
edge plasma
plasma scrape-off layers
scrape-off layers (plasma)
PT plasma theory
plasma-wall interactions
RT plasma sheaths
plasma-wall interactions
DEU Plasmagrenzschicht

plasma chemical vapour deposited coatings
USE plasma CVD coatings

plasma chemical vapour deposition
USE plasma CVD

plasma chemistry
BT chemical reactions
plasma
PT chemical reactions
RT discharges (electric)
plasma applications
plasma CVD
plasma diagnostics
surface chemistry
DEU Plasmachemie

plasma cnoidal waves
USE plasma waves

plasma collision processes
BT collision processes
plasma interactions
NT plasma-beam interactions
plasma-wall interactions

SY *Balescu-Lennard theory*
banana regime
RT plasma transport processes
DEU Plasmakollisionsprozess

plasma confinement
BT plasma
NT magnetic traps
pinch effect
plasma focus
plasma inertial confinement
plasma toroidal confinement
SY *confinement, plasma*
internal ring devices (plasma)
magnetic confinement (plasma)
migma
OCLATOR
plasma containment
spheromak
RT ballooning instability
cyclotron resonance
drift instability
filamentation instability
fishbone instability
flute instability
fusion reactor design
fusion reactor ignition
fusion reactor limiters
fusion reactor reaction chamber
fusion reactor theory
fusion reactors
kink instability
magnetic fields
modulational instability
parametric instability
plasma devices
plasma impurities
plasma instability
plasma oscillations
plasma sheaths
plasma shock waves
plasma-wall interactions
sausage instability
sawtooth instability
stellarators
tearing instability
DEU Plasmaeinschluss
DSY Plasmastabilisierung

plasma containment
USE plasma confinement

plasma crystals
USE dusty plasmas

plasma CVD
BT chemical vapour deposition
plasma deposition
SY *plasma chemical vapour deposition*
plasma-assisted CVD
plasma-enhanced CVD
PT chemical vapour deposition
plasma deposition
RT plasma chemistry
plasma CVD coatings
vapour phase epitaxial growth
DEU Plasma-CVD

plasma CVD coatings
BT CVD coatings
plasma deposited coatings
SY *plasma chemical vapour deposited coatings*
PT CVD coatings
plasma deposited coatings
RT plasma CVD
DEU Plasma-CVD-Beschichtung

plasma density
BT density
plasma properties
PT electron density
ion density
plasma diagnostics
plasma
RT electron density
ion density
plasma diagnostics
total electron content (atmosphere)
DEU Plasmadichte

plasma deposited coatings
BT vapour deposited coatings
NT plasma CVD coatings
PT vapour deposited coatings
RT plasma deposition
DEU Plasmaabscheidungsüberzug

plasma deposition
BT plasma materials processing
vapour deposition
NT plasma CVD
SY *glow discharge deposition*
PT plasma applications
vapour deposition
RT plasma arc spraying
plasma deposited coatings
DEU Plasmaabscheidung

plasma devices
BT plasma
NT plasma accelerators
plasma betatrons
plasma diodes
plasma displays
plasma filled waveguides
plasma focus
plasma guns
plasma switches
plasma torches
stellarators
stellerator devices
Tokamak devices
UF *Hall effect thrusters / ion engines + plasma devices + plasma magnetohydrodynamics*
UF *Levitron / pinch effect + plasma devices*
UF *plasma antennas (devices) / antennas + plasma devices*
UF *thermonuclear devices / fusion reactors + plasma devices*
RT magnetohydrodynamic convertors
ozone generators
plasma applications
plasma confinement
plasma jets
wakefield accelerators
DEU Plasmaanlage
DSY Plasmagerät

plasma diagnostics
BT measurement
plasma
NT plasma probes
SY *diagnostics, plasma*
plasma measurement techniques
RT antennas in plasma
electron density
ion density
ionospheric measuring apparatus
Langmuir probes
optogalvanic spectroscopy
plasma chemistry
plasma density
plasma dielectric properties
plasma pressure
plasma properties
plasma temperature
stellarators
X-ray imaging
DEU Plasmadiagnostik

plasma diamagnetism
BT diamagnetism
plasma properties
DEU Plasmadiamagnetismus

plasma dielectric properties
BT dielectric properties
plasma properties
RT plasma diagnostics
plasma transport processes
DEU Plasmadielektrizität

plasma diodes
BT diodes
direct energy conversion
plasma devices
SY *ion diodes*
plasmatrons
PT plasma devices
RT duoplasmatrons
DEU Plasmadiode

plasma displays
BT gas-discharge displays
plasma devices
SY *plasma panel displays*
PT gas-discharge displays
plasma devices
RT colour displays
flat panel displays
television displays
DEU Plasmabildschirm

plasma disruptions
USE plasma instability

plasma double layers
USE plasma sheaths

plasma drift waves
BT plasma waves
SY *drift waves (plasma)*
PT plasma waves
RT plasma oscillations
DEU Plasma-Driftwelle

plasma electromagnetic wave propagation
BT electromagnetic wave propagation
plasma interactions
NT ionospheric electromagnetic wave propagation
magnetospheric electromagnetic wave propagation
plasma light propagation
SY *electromagnetic wave propagation in plasma*
PT electromagnetic wave propagation in plasma
RT antennas in plasma
DEU plasmaelektromagnetische Wellenausbreitung

plasma electron inertia effect
USE plasma transport processes

plasma electrostatic waves
BT plasma waves
SY *electrostatic waves (plasma)*
PT plasma waves
RT plasma oscillations
DEU elektrostatische Plasmawelle

plasma etching
USE sputter etching

plasma filled waveguides
BT plasma devices
waveguides
SY *plasma waveguides*
PT waveguides
RT antennas in plasma
DEU plasmagefüllter Wellenleiter

plasma flow
BT flow
plasma properties
NT plasma jets
plasma magnetohydrodynamics
SY *plasma rotation*
UF *plasma vortices / plasma flow + vortices*
PT flow
plasma
RT plasma focus
plasma shock waves
DEU Plasmafluss
DSY Plasmaströmung

plasma fluctuations
BT fluctuations
plasma properties
PT fluctuations
RT ballooning instability
drift instability
filamentation instability
fishbone instability
flute instability
kink instability
modulational instability
parametric instability
plasma instability
sausage instability
sawtooth instability
tearing instability
DEU Plasmafluktuation

plasma flute instability
USE flute instability

plasma focus
BT plasma confinement
plasma devices
plasma heating
SY *NESSI*
PT plasma confinement
plasma devices
plasma heating
RT plasma flow
plasma X-ray sources
DEU Plasmafokus

plasma generation
USE plasma production

plasma guns
BT plasma devices
SY *guns, plasma*
PT plasma devices
RT electron gas
magnetic lenses
DEU Plasmapistole

plasma Hall effect
USE plasma magnetohydrodynamics

plasma heating
BT heating
plasma
NT plasma beam injection heating
plasma focus
plasma heating by laser
plasma ohmic heating
plasma radiofrequency heating
SY *adiabatic compression, plasma*
PT heating
plasma
RT cyclotron resonance
fusion reactor design
fusion reactor ignition
fusion reactor theory
fusion reactors
ionisation
particle beam fusion accelerators
DEU Plasmaaufheizung
DSY Plasmaheizung

plasma heating by laser
BT laser beam applications
laser beam effects
plasma heating
PT plasma production and heating by laser beam
RT fusion reactor ignition
plasma inertial confinement
plasma light propagation
DEU Plasmaaufheizung durch Laser
DSY Plasmaerwärmung durch Laser

Plasmaheizung durch Laser

plasma hybrid waves
BT plasma waves
SY *lower hybrid waves*
PT plasma waves
RT plasma oscillations
DEU Plasmahybridwelle

plasma immersion ion implantation
BT ion implantation
plasma materials processing
SY *PIII*
PT ion implantation
plasma materials processing
RT semiconductor doping
DEU Plasmaimmersion-Ionenimplantation

plasma impurities
BT impurities
plasma properties
PT plasma confinement
plasma
RT dusty plasmas
plasma confinement
plasma-wall interactions
DEU Plasmaverunreinigung

plasma in solids
USE solid-state plasma

plasma inertial confinement
BT plasma confinement
NT laser fusion
UF *ICF / fusion reactors + plasma inertial confinement*
UF *inertial confinement fusion / fusion reactors + plasma inertial confinement*
PT plasma confinement
RT fusion reactor targets
fusion reactors
plasma heating by laser
plasma production by laser
DEU Plasma-Inertial-Confinement
DSY Plasma-Schutz-Umgebung
Plasmaeinschlussbedingung
Plasmainertialconfinement
Plasmaschutzeinschluss
Plasmaschutzumgebung

plasma instability
BT plasma properties
stability
NT ballooning instability
drift instability
filamentation instability
fishbone instability
flute instability
Kelvin-Helmholtz instability
kink instability
modulational instability
parametric instability
Rayleigh-Taylor instability
sausage instability
sawtooth instability
tearing instability
SY *Bunemann instability*
Bunemann-Farley instability
LHDI (plasma)
plasma disruptions
plasma modes
plasma stability
Weibel type instabilities
PT plasma stability
RT dispersion relations
plasma confinement
plasma fluctuations
plasma oscillations
DEU Plasmainstabilität

plasma interactions
BT plasma
NT plasma collision processes
plasma electromagnetic wave propagation
PT plasma collision processes
RT plasma nonlinear processes
DEU Plasmawechselwirkung

plasma ion acoustic waves
BT plasma waves
PT plasma waves
RT plasma oscillations
DEU Plasmaionenschallwelle

plasma jets
BT jets
plasma flow
PT plasma devices
RT astrophysical jets
plasma devices
DEU Plasmajet

plasma Joule heating
USE plasma ohmic heating

plasma kinetic theory
BT kinetic theory
plasma theory
PT kinetic theory
plasma theory
DEU kinetische Plasmatheorie
DSY Plasmakinetiktheorie
plasmakinetische Theorie

plasma Langmuir waves
BT plasma waves
SY *Langmuir waves*
PT plasma waves
RT plasma oscillations
DEU Plasma-Langmuir-Welle

plasma light propagation
BT light propagation
plasma electromagnetic wave propagation
SY *light propagation in plasma*
PT light propagation in plasma
RT plasma heating by laser
DEU Plasmalichtausbreitung

plasma magnetohydrodynamic waves
BT magnetohydrodynamic waves
plasma waves
NT plasma Alfven waves
PT plasma waves
RT plasma magnetohydrodynamics
DEU magnetohydrodynamische Plasmawelle
DSY Plasma-MHD-Welle

plasma magnetohydrodynamics
BT magnetohydrodynamics
plasma flow
SY *Hall effect (plasma)*
UF *Hall effect thrusters / ion engines + plasma devices + plasma magnetohydrodynamics*
SY *magnetoplasmadynamics*
plasma Hall effect
PT magnetohydrodynamics
plasma flow
RT magnetic reconnection
plasma magnetohydrodynamic waves
DEU Plasma-MHD
DSY Plasmamagnetohydrodynamik

plasma materials processing
BT plasma applications
NT plasma arc spraying
plasma deposition
plasma immersion ion implantation
PT plasma applications
RT materials preparation
plasma welding
sputter etching
surface treatment
DEU Plasmamaterialbearbeitung

plasma measurement techniques
USE plasma diagnostics

plasma microwave heating
USE plasma radiofrequency heating

plasma modes
USE plasma instability

plasma nonlinear processes
BT plasma
NT plasma nonlinear waves
RT plasma interactions
plasma solitons
DEU nichtlinearer Plasmaprozess

plasma nonlinear waves
BT plasma nonlinear processes
plasma waves
NT plasma solitons
SY *nonlinear waves (plasma)*
PT plasma waves
RT plasma oscillations
DEU nichtlineare Plasmawelle

plasma ohmic heating
BT plasma heating
SY *plasma Joule heating*
PT plasma heating
RT fusion reactor ignition
DEU Plasmawiderstandsheizung

plasma oscillations
BT oscillations
plasma properties
SY *MIrnov oscillations*
RT ballooning instability
bremsstrahlung
drift instability
filamentation instability
fishbone instability
flute instability
kink instability
modulational instability
parametric instability
plasma Alfven waves
plasma Bernstein waves
plasma confinement
plasma drift waves
plasma electrostatic waves
plasma hybrid waves
plasma instability
plasma ion acoustic waves
plasma Langmuir waves
plasma nonlinear waves
plasma waves
plasmons
sausage instability

sawtooth instability
tearing instability
DEU Plasmaschwingung

plasma panel displays
USE plasma displays

plasma pinch
USE pinch effect

plasma polymerisation
USE polymerisation

plasma pressure
BT plasma properties
pressure
PT plasma diagnostics
plasma theory
RT plasma diagnostics
DEU Plasmadruck

plasma probes
BT plasma diagnostics
probes
NT Langmuir probes
PT plasma diagnostics
probes
RT plasma properties
DEU Plasma-Sonde
DSY Plasmasonde

plasma production
BT plasma
NT plasma production by laser
plasma sources
SY *plasma generation*
RT discharges (electric)
electric breakdown
exploding wires
fusion reactor ignition
fusion reactors
ionisation
magnetic fields
DEU Plasmaproduktion

plasma production and heating by lasers
DEU Plasmaproduktion- und Heizung durch Laser

plasma production by laser
BT laser beam applications
laser beam effects
plasma production
NT laser fusion
PT plasma production and heating by laser beam
RT laser ablation
plasma inertial confinement
DEU Plasmaproduktion durch Laser

plasma properties
BT plasma
NT plasma density
plasma diamagnetism
plasma dielectric properties
plasma flow
plasma fluctuations
plasma impurities
plasma instability
plasma oscillations
plasma pressure
plasma temperature
plasma thermodynamics
plasma transport processes
plasma turbulence
plasma waves
RT plasma diagnostics
plasma probes
DEU Plasmaeigenschaften

plasma radiofrequency heating
BT plasma heating
radiofrequency heating
SY *ECRF heating (plasma)*
ECRH (plasma)
electron cyclotron resonance heating (plasma)
ICRF heating (plasma)
ICRH (plasma)
ion cyclotron resonance heating (plasma)
UF *ionospheric modification / ionospheric disturbances + plasma radiofrequency heating*
SY *microwave heating (plasma)*
plasma microwave heating
radiofrequency heating (plasma)
PT plasma heating
radiofrequency heating
DEU Plasmaradiofrequenzheizung

plasma resistivity
USE plasma transport processes

plasma rotation
USE plasma flow

plasma scrape-off layers
USE plasma boundary layers

plasma sheaths
BT plasma
SY *double layers (plasma)*
plasma double layers
sheaths, plasma

PT plasma
RT missiles
plasma boundary layers
plasma confinement
plasma-wall interactions
DEU Plasmaröhre

plasma shock waves
BT plasma waves
shock waves
RT plasma confinement
plasma flow
DEU Plasmaschockwelle
DSY Plasmastoßwelle

plasma simulation
BT plasma theory
simulation
PT plasma
RT flow simulation
DEU Plasmasimulation

plasma solitons
BT plasma nonlinear waves
solitons
PT plasma nonlinear waves
solitons
RT plasma nonlinear processes
DEU Plasmasoliton

plasma sources
BT plasma production
PT plasma production
RT ion implantation
ion sources
DEU Plasmaquelle

plasma sprayed coatings
USE plasma arc sprayed coatings

plasma spraying
USE plasma arc spraying

plasma stability
USE plasma instability

plasma switches
BT plasma devices
switches
PT plasma devices
switches
DEU Plasmaschalter

plasma temperature
BT plasma properties
temperature
PT plasma diagnostics
plasma
RT plasma diagnostics
DEU Plasmatemperatur

plasma theory
BT plasma
NT plasma kinetic theory
plasma simulation
SY *CATFD model*
Debye-Huckel-Thomas-Fermi-Dirac model
plasma blowoff
PT plasma
RT Debye-Huckel theory
DEU Plasmatheorie

plasma thermodynamics
BT plasma properties
thermodynamic properties
PT plasma theory
thermodynamics
DEU Plasmathermodynamik

plasma torches
BT plasma devices
PT plasma devices
RT arcs (electric)
plasma applications
DEU Plasmaschweißen

plasma toroidal confinement
BT plasma confinement
NT reversed field pinch
SY *toroidal confinement (plasma)*
PT plasma confinement
RT stellarators
Tokamak devices
DEU Plasmatoroidalconfinement

plasma transport processes
BT plasma properties
transport processes
SY *diffusion in plasma*
electrical conductivity of plasmas
plasma electron inertia effect
plasma resistivity
PT plasma
transport processes
RT plasma collision processes
plasma dielectric properties
Vlasov equation
DEU Plasmatransportprozess

plasma turbulence
BT plasma properties
turbulence
PT plasma
turbulence
DEU Plasmaturbulenz

plasma vortices
USE plasma flow
\+ vortices

plasma waveguides
USE plasma filled waveguides

plasma waves
BT plasma properties
waves
NT plasma Bernstein waves
plasma drift waves
plasma electrostatic waves
plasma hybrid waves
plasma ion acoustic waves
plasma Langmuir waves
plasma magnetohydrodynamic waves
plasma nonlinear waves
plasma shock waves
SY *plasma cnoidal waves*
plasma whistler waves
PT plasma
RT atmospheric waves
dispersion relations
plasma oscillations
Rossby waves
slow wave structures
space charge waves
surface electromagnetic waves
DEU Plasmawelle

plasma welding
BT plasma applications
welding
NT arc welding
PT plasma materials processing
welding
RT plasma materials processing
DEU Plasmastrahlschweißen

plasma whistler waves
USE plasma waves

plasma X-ray sources
BT X-ray production
PT X-ray production
RT plasma focus
X-ray lasers
X-ray lithography
Z pinch
DEU Plasma-Röntgenstrahlenquelle

Plasma-Alfven-Welle
DEU for plasma Alfven waves

plasma-assisted CVD
USE plasma CVD

plasma-beam interactions
BT plasma collision processes
NT plasma beam injection heating
PT atomic beams
electron beam effects
ion beam effects
plasma collision processes
RT atomic beams
electron beam effects
ion beam effects
relativistic electron beams
space charge waves
DEU Plasmastrahlenwechselwirkung

Plasma-Bernstein-Welle
DEU for plasma Bernstein waves

Plasma-CVD
DEU for plasma CVD

Plasma-CVD-Beschichtung
DEU for plasma CVD coatings

Plasma-Driftwelle
DEU for plasma drift waves

plasma-enhanced CVD
USE plasma CVD

Plasma-Inertial-Confinement
DEU for plasma inertial confinement

Plasma-Langmuir-Welle
DEU for plasma Langmuir waves

Plasma-MHD
DEU for plasma magnetohydrodynamics

Plasma-MHD-Welle
DUS für plasma magnetohydrodynamic waves

Plasma-Röntgenstrahlenquelle
DEU for plasma X-ray sources

Plasma-Schutz-Umgebung
DUS für plasma inertial confinement

Plasma-Sonde
DEU for plasma probes

plasma-surface interactions
USE plasma-wall interactions

plasma-wall interactions
BT plasma collision processes
SY *plasma-surface interactions*
PT plasma collision processes
plasma confinement
RT plasma boundary layers
plasma confinement
plasma impurities
plasma sheaths
DEU Plasma-Wand-Wechselwirkung

Plasma-Wand-Wechselwirkung
DEU for plasma-wall interactions

Plasmaabscheidung
DEU for plasma deposition

Plasmaabscheidungsüberzug
DEU for plasma deposited coatings

Plasmaanlage
DEU for plasma devices

Plasmaanwendung
DEU for plasma applications

Plasmaaufheizung
DEU for plasma heating

Plasmaaufheizung durch Laser
DEU for plasma heating by laser

Plasmabeschleuniger
DEU for plasma accelerators

Plasmabetatron
DEU for plasma betatrons

Plasmabildschirm
DEU for plasma displays

Plasmabogenpritzen
DEU for plasma arc spraying

Plasmachemie
DEU for plasma chemistry

Plasmadiagnostik
DEU for plasma diagnostics

Plasmadiamagnetismus
DEU for plasma diamagnetism

Plasmadichte
DEU for plasma density

Plasmadielektrizität
DEU for plasma dielectric properties

Plasmadiode
DEU for plasma diodes

Plasmadruck
DEU for plasma pressure

Plasmaeigenschaften
DEU for plasma properties

Plasmaeinschluss
DEU for plasma confinement

Plasmaeinschlussbedingung
DUS für plasma inertial confinement

plasmaelektromagnetische Wellenausbreitung
DEU for plasma electromagnetic wave propagation

Plasmaerwärmung durch Laser
DUS für plasma heating by laser

Plasmafluktuation
DEU for plasma fluctuations

Plasmafluss
DEU for plasma flow

Plasmafokus
DEU for plasma focus

Plasmafusionsreaktor
DEU for stellerator devices

plasmagefüllter Wellenleiter
DEU for plasma filled waveguides

Plasmagerät
DUS für plasma devices

Plasmagrenzschicht
DEU for plasma boundary layers

Plasmaheizung
DUS für plasma heating

Plasmaheizung durch Laser
DUS für plasma heating by laser

Plasmahybridwelle
DEU for plasma hybrid waves

Plasmaimmersion-Ionenimplantation
DEU for plasma immersion ion implantation

Plasmainertialconfinement
DUS für plasma inertial confinement

Plasmainstabilität
DEU for plasma instability

Plasmaionenschallwelle
DEU for plasma ion acoustic waves

Plasmajet
DEU for plasma jets

Plasmakinetiktheorie
DUS für plasma kinetic theory

plasmakinetische Theorie
DUS für plasma kinetic theory

Plasmakollisionsprozess
DEU for plasma collision processes

Plasmalichtausbreitung
DEU for plasma light propagation

Plasmamagnetohydrodynamik
DUS für plasma magnetohydrodynamics

Plasmamaterialbearbeitung
DEU for plasma materials processing

Plasmapistole
DEU for plasma guns

Plasmaproduktion
DEU for plasma production

Plasmaproduktion durch Laser
DEU for plasma production by laser

Plasmaproduktion- und Heizung durch Laser
DEU for plasma production and heating by lasers

Plasmaquelle
DEU for plasma sources

Plasmaradiofrequenzheizung
DEU for plasma radiofrequency heating

Plasmaröhre
DEU for plasma sheaths

Plasmaschalter
DEU for plasma switches

Plasmaschockwelle
DEU for plasma shock waves

Plasmaschutzeinschluss
DUS für plasma inertial confinement

Plasmaschutzumgebung
DUS für plasma inertial confinement

Plasmaschweißen
DEU for plasma torches

Plasmaschwingung
DEU for plasma oscillations

Plasmasimulation
DEU for plasma simulation

Plasmasoliton
DEU for plasma solitons

Plasmasonde
DUS für plasma probes

plasmasphere
USE magnetosphere

Plasmaspraybeschichtung
DEU for plasma arc sprayed coatings

Plasmasprühüberzug
DUS für plasma arc sprayed coatings

Plasmastabilisierung
DUS für plasma confinement

Plasmastoßwelle
DUS für plasma shock waves

Plasmastrahlenwechselwirkung
DEU for plasma-beam interactions

Plasmastrahlinjektionsheizung
DEU for plasma beam injection heating

Plasmastrahlschweißen
DEU for plasma welding

Plasmaströmung
DUS für plasma flow

Plasmatemperatur
DEU for plasma temperature

Plasmatheorie
DEU for plasma theory

Plasmathermodynamik
DEU for plasma thermodynamics

Plasmatoroidalconfinement
DEU for plasma toroidal confinement

Plasmatransportprozess
DEU for plasma transport processes

plasmatrons
USE plasma diodes

Plasmaturbulenz
DEU for plasma turbulence

Plasmaverunreinigung
DEU for plasma impurities

Plasmawechselwirkung
DEU for plasma interactions

Plasmawelle
DEU for plasma waves

Plasmawiderstandsheizung
DEU for plasma ohmic heating

Plasma
DEU for plasma

plasmoids
USE plasma

Plasmon
DEU for plasmons

plasmon-phonon interactions
USE phonon-plasmon interactions

plasmonic antennas
USE metamaterial antennas
\+ plasmonics

plasmonics
UF *plasmonic antennas / metamaterial antennas + plasmonics*
PT metallic thin films
surface plasmons
RT electromagnetic metamaterials
metallic thin films
microwave metamaterials
nanostructured materials
optical metamaterials
surface plasmons
terahertz metamaterials
DEU Plasmonik

Plasmonik
DEU for plasmonics

plasmons
BT energy states
solid-state plasma
NT phonon-plasmon interactions
surface plasmons
PT solid-state plasma
RT metal theory
plasma oscillations
quasiparticles
semiconductor plasma
DEU Plasmon

Plasteerzeugnis
DUS für plastic products

Plasteprodukt
DUS für plastic products

plaster
USE cements (building materials)

plastic afterflow
USE recovery-creep

plastic ball grid arrays
USE ball grid arrays
\+ plastic packaging

plastic bottles
USE bottles
\+ plastic products

plastic cards
NT smart cards
UF *Connect card / debit transactions + plastic cards*
UF *Switch card / debit transactions + plastic cards*
PT EFTS
smart cards
RT access control
credit transactions
debit transactions
EFTS
point of sale systems
safety systems
DEU Chipkarte
DSY Kunststoffkarte
Plastikkarte

plastic containers
USE containers
+ plastic products

plastic crystals
BT crystals
UF *molecular rotation in solids / molecular reorientation + nuclear magnetic resonance + plastic crystals*
UF *rotator phase in solids / nuclear magnetic resonance + plastic crystals*
RT nuclear magnetic resonance
orientational glasses
phase transformations
plasticity
DEU plastischer Kristall

plastic deformation
BT deformation
NT Bauschinger effect
buckling
ductility
Luders bands
necking
plastic flow
serrated yielding
superplasticity
SY *plastic strain*
RT creep
deep drawing
failure (mechanical)
fatigue
kink bands
plasticity
shape memory effects
shear deformation
slip
softening
viscoplasticity
wire drawing
DEU plastische Verformung

plastic flow
BT plastic deformation
SY *flow stress*
viscous flow (solids)
RT internal friction
Luders bands
necking
plasticity
rheology
slip
viscoplasticity
workability
DEU plastischer Fluss

plastic packaging
BT packaging
UF *plastic ball grid arrays / ball grid arrays + plastic packaging*
PT encapsulation
multichip modules
packaging
surface mount technology
tape automated bonding
RT ball grid arrays
electronics packaging
encapsulation
integrated circuit packaging
multichip modules
plastics
semiconductor device packaging
surface mount technology
tape automated bonding
DEU Kunststoffverpackung

plastic products
BT manufactured products
UF *plastic bottles / bottles + plastic products*
UF *plastic containers / containers + plastic products*
SY *thermoplastic timber*
RT chemical products
consumer products
plasticisers
plastics
plastics industry
DEU Kunststofferzeugnis
DSY Kunststoffprodukt
Kunststoffware
Plasteerzeugnis
Plasteprodukt
Plastikware

plastic scintillation detectors
USE solid scintillation detectors

plastic strain
USE plastic deformation

plastic track detectors
USE solid-state nuclear track detectors

plasticisers
BT additives
chemical products
SY *plasticizers*
PT additives
chemical products
RT cements (building materials)
concrete
curing
mortar

plastic products
plastics
plastics industry
polymer blends
polymers
production materials
ready-mixed materials
DEU Plastifizierer

plasticity
BT mechanical properties
NT elastoplasticity
photoplasticity
viscoplasticity
RT brittleness
continuum mechanics
mechanics
plastic crystals
plastic deformation
plastic flow
plastics
rheology
DEU Plastizität

plasticity, synaptic
USE neurophysiology

plasticizers
USE plasticisers

plastics
BT chemical products
materials
organic insulating materials
NT fibre reinforced plastics
UF *foamed plastics / plastics + polymer foams*
SY *plexiglas*
RT biodegradable materials
dielectric materials
organic compounds
plastic packaging
plastic products
plasticisers
plasticity
plastics industry
polymer insulators
polymers
resins
DEU Kunststoff

plastics industry
BT manufacturing industries
RT blow moulding
drying
plastic products
plasticisers
plastics
DEU Kunststoffindustrie

Plastifizierer
DEU for plasticisers

Plastikkarte
DUS für plastic cards

Plastikware
DUS für plastic products

plastische Verformung
DEU for plastic deformation

plastischer Fluss
DEU for plastic flow

plastischer Kristall
DEU for plastic crystals

plastisches Pressen
DUS für pressing

Plastizität
DEU for plasticity

plate tectonics
USE tectonics

plated wire stores
DEU Platindrahtspeicher

plates (structures)
BT shapes (structures)
RT continuum mechanics
flanges
structural panels
DEU Platte (Form)
DSY Platte (Struktur)

platform as a service
USE cloud computing

Platin
DEU for platinum

Platindrahtspeicher
DEU for plated wire stores

plating (electroplating)
USE electroplating

Platinlegierung
DEU for platinum alloys

platinum
BT transition metals
SY *Pt (chemical element)*
RT platinum alloys

platinum compounds
DEU Platin

platinum alloys
BT transition metal alloys
PT platinum compounds
RT platinum
platinum compounds
DEU Platinlegierung

platinum compounds
BT transition metal compounds
RT platinum
platinum alloys
DEU Platinverbindung

Platinverbindung
DEU for platinum compounds

Platte
DUS für rebar

Platte (Bau)
DEU for slabs

Platte (Form)
DEU for plates (structures)

Platte (Struktur)
DUS für plates (structures)

Plattenspeicher
DEU for disk storage

Plattenspieler
DEU for gramophones

PLC
USE programmable controllers

PLD
USE programmable logic devices

PLD programming
BT programming
SY *logic device programming*
PAL programming
PLA programming
PROM programming
PT programming
PROM
RT EPROM
firmware
logic arrays
microprogramming
programmable logic arrays
programmable logic devices
PROM
DEU PLD-Programmierung

PLD-Programmierung
DEU for PLD programming

pleochroism
BT optical properties
RT colour
dichroism
light absorption
light refraction
photoelasticity
DEU Pleochroismus

Pleochroismus
DEU for pleochroism

Plethysmografie
DEU for plethysmography

Plethysmographie
DUS für plethysmography

plethysmography
BT biomedical measurement
size measurement
NT photoplethysmography
PT biomedical measurement
RT cardiology
electric impedance measurement
haemodynamics
patient monitoring
pneumodynamics
volume measurement
DEU Plethysmografie
DSY Plethysmographie

plexiglas
USE plastics

PLL
USE phase locked loops

Plotter (Ausgabegerät)
DUS für plotters

plotters
BT computer peripheral equipment
recorders
RT digital-analogue conversion
printers
DEU Koordinatenschreiber
DSY Plotter (Ausgabegerät)

plug compatible manufacturers
USE DP industry

plug-in boards
USE add-on boards

plugs (electric)
USE electric connectors

plumbing equipment
BT mechanical products
SY *plumbing fixtures*
taps
RT manifolds
pipes
wastewater
water supply
DEU Klempnerausrüstung
DSY Rohrleitung
sanitäre Ausrüstung

plumbing fixtures
USE plumbing equipment

Plutinos
USE trans-Neptunian objects

Pluto
BT planets
PT planets
DEU Pluto (Planet)

Pluto (Planet)
DEU for Pluto

plutonium
BT actinides
SY *Pu (chemical element)*
RT fission of plutonium
fission reactor fuel
plutonium alloys
plutonium compounds
DEU Plutonium

plutonium alloys
BT actinide alloys
PT actinide alloys
RT plutonium
plutonium compounds
DEU Plutoniumlegierung

plutonium compounds
BT actinide compounds
RT fission reactor fuel
plutonium
plutonium alloys
DEU Plutoniumverbindung

Plutoniumlegierung
DEU for plutonium alloys

Plutoniumspaltung
DEU for fission of plutonium

Plutoniumverbindung
DEU for plutonium compounds

Plutoniumwiederaufbereitunganlage
DUS für nuclear fuel cycle facilities

Plutonium
DEU for plutonium

Pm (chemical element)
USE promethium
DEU Pm (chemisches Element)

Pm (chemisches Element)
DEU for Pm (chemical element)

PM3 calculations
BT MNDO calculations
SY *parametric method 3*
PT MNDO calculations
RT AM1 calculations
MINDO calculations
DEU PM3-Berechnung
DSY PM3-Kalkulation

PM3-Berechnung
DEU for PM3 calculations

PM3-Kalkulation
DUS für PM3 calculations

PMDR
BT microwave-optical double resonance
SY *phosphorescence microwave double resonance*
PT magnetic double resonance
optical double resonance
DEU Phosphoreszenz-Mikrowellen-Doppelresonanz
DSY Phosphoreszenz-Mikrowellen-Doppelresonanz (PMDR)
PMDR (Phosphoreszenz-Mikrowellen-Doppelresonanz)

PMDR (Phosphoreszenz-Mikrowellen-Doppelresonanz)
DUS für PMDR

PMOS integrated circuits
USE MOS integrated circuits

PMOS transistors
USE MOSFET

PMR
USE proton magnetic resonance

PMR imaging (biomedical)
USE biomedical MRI

PN coded radar
USE spread spectrum radar

PN codes
USE pseudonoise codes

PNDO calculations
USE INDO calculations

pneumatic actuators
BT actuators
pneumatic control equipment
PT actuators
pneumatic control equipment
RT pneumatic drives
DEU pneumatischer Aktuator

pneumatic control equipment
BT mechanical control equipment
NT electropneumatic control equipment
pneumatic actuators
RT air
fluidics
nonelectric final control devices
nonelectric sensing devices
pneumatic drives
pneumatic systems
DEU pneumatische Regeleinrichtung
DSY pneumatische Steuereinrichtung

pneumatic drives
BT drives
PT drives
pneumatic control equipment
RT pneumatic actuators
pneumatic control equipment
DEU pneumatischer Antrieb

pneumatic logic
USE fluidics

pneumatic systems
UF *air brakes / aerodynamics + brakes + compressed air systems + pneumatic systems*
RT compressed air systems
pneumatic control equipment
DEU pneumatisches System

pneumatische Presse
DUS für presses

pneumatische Regeleinrichtung
DEU for pneumatic control equipment

pneumatische Steuereinrichtung
DUS für pneumatic control equipment

pneumatischer Aktuator
DEU for pneumatic actuators

pneumatischer Antrieb
DEU for pneumatic drives

pneumatisches System
DEU for pneumatic systems

pneumodynamics
BT biological fluid dynamics
SY *breathing*
spirometry
PT biological fluid dynamics
RT lung
photoplethysmography
plethysmography
respiratory protection
DEU Luftdynamik
DSY Pneumodynamik

Pneumodynamik
DUS für pneumodynamics

Pnictid-Superleiter
DEU for pnictide superconductors

pnictide superconductors
BT superconducting materials
superconductivity
PT high-temperature superconductors
RT high-temperature superconductors
superconducting transition temperature
type II superconductors
DEU Pnictid-Superleiter

PNO calculations
BT orbital calculations
SY *pair natural orbital calculations*
PT molecular orbitals calculations
orbital calculation methods
DEU PNO-Berechnung
DSY PNO-Kalkulation

PNO-Berechnung
DEU for PNO calculations

PNO-Kalkulation
DUS für PNO calculations

Po (chemical element)
USE polonium

Pockels effect
BT electro-optical effects
PT birefringence
electro-optical effects
DEU Pockels-Effekt

Pockels readout optical modulator
USE electro-optical modulation

Pockels-Effekt
DEU for Pockels effect

pocket computers
USE notebook computers

poetry
USE literature

Poincare invariance
RT Lorentz invariance
Lorentz transformation
space-time configurations
special relativity
DEU Poincare-Invarianz

Poincare mapping
BT transforms
NT Henon mapping
PT transforms
DEU Poincare-Überlagerung

Poincare-Invarianz
DEU for Poincare invariance

Poincare-Überlagerung
DEU for Poincare mapping

point contact spectroscopy
BT spectroscopy
PT point contacts
spectroscopy
RT electron-phonon interactions
point contacts
DEU Punktkontakt-Spektroskopie
DSY Punktkontaktspektroskopie
Spitzenkontakt-Spektroskopie
Spitzenkontaktspektroskopie

point contacts
BT electrical contacts
NT quantum point contacts
RT point contact spectroscopy
whiskers (crystal)
DEU Punktkontakt
DSY Spitzenkontakt

point defect scattering
BT transport processes
SY *carrier scattering by point defects*
PT electrical conductivity of solids
RT electrical conductivity
point defects
DEU Punktfehlerstreuung
DSY Spitzenfehlerstreuung

point defects
BT crystal defects
NT antisite defects
colour centres
interstitials
vacancies (crystal)
PT crystal defects
RT extended defects
point defect scattering
DEU Punktfehler

point groups
USE crystal structure
+ crystal symmetry

point of sale systems
BT retail data processing
UF *EFTPOS / EFTS + point of sale systems*
PT administrative data processing
RT automatic teller machines
EFTS
interactive terminals
plastic cards
smart cards
DEU Kassensystem

point spread function
USE optical transfer function

point to point radio links
USE radio links

pointing systems
BT control systems
tracking
RT military systems
target tracking
DEU Anzeigesystem
DSY Bepunktungssystem
Hinweissystem

Punktsystem
Spitzensystem
Zeigesystem

Poiseuille flow
BT flow
UF *Hagen-Poiseuille flow / pipe flow + Poiseuille flow*
PT laminar flow
RT channel flow
laminar flow
pipe flow
DEU Poiseuille-Strömung

Poiseuille-Strömung
DEU for Poiseuille flow

poisons
USE toxicology

Poisson distribution
BT statistical distributions
RT fluctuations
random processes
statistical analysis
statistics
DEU Poisson-Verteilung

Poisson equation
BT partial differential equations
UF *transport equation / Boltzmann equation + Poisson equation*
RT Boltzmann equation
semiconductor device models
transport processes
DEU Poisson-Gleichung

Poisson processes
USE stochastic processes

Poisson ratio
BT elastic moduli
PT elastic constants
RT auxetics
DEU Poisson-Zahl

Poisson-Gleichung
DEU for Poisson equation

Poisson-Verteilung
DEU for Poisson distribution

Poisson-Zahl
DEU for Poisson ratio

poka-yoke
USE quality management

Pol und Nullstelle
DEU for poles and zeros

polar cap absorption
USE ionospheric electromagnetic wave propagation

polar mesospheric clouds
USE noctilucent clouds

polar semiconductors
BT semiconductor materials
semiconductors
NT ferroelectric semiconductors
piezoelectric semiconductors
PT semiconductor materials
semiconductors
RT polarons
DEU polarer Halbleiter

polare Leuchterscheinung
DUS für zodiacal light

polarer Halbleiter
DEU for polar semiconductors

Polarimeter
DEU for polarimeters

polarimeters
BT optical instruments
SY *optical polarimeters*
polariscopes
RT chemical analysis
ellipsometers
light polarisation
polarimetry
polarisation
DEU Polarimeter

polarimetric radar
USE radar polarimetry

Polarimetrie
DEU for polarimetry

polarimetry
BT measurement
NT astronomical polarimetry
radar polarimetry
SY *optical polarimetry*
PT polarimeters
RT chemical analysis
electromagnetic wave polarisation
ellipsometry

optical polarisers
optical retarders
optical variables measurement
polarimeters
polarisation
DEU Polarimetrie

polarisability
BT energy states
SY *atomic polarisability*
molecular polarisability
polarizability
RT atomic moments
atomic structure
dielectric properties
electric moments
molecular electronic states
molecular moments
DEU Polarisierbarkeit

polarisation
NT beta-ray polarisation
deuteron polarisation
dielectric polarisation
electromagnetic wave polarisation
electron spin polarisation
neutron polarisation
nuclear polarisation
photon polarisation
polarisation in elementary particle interactions
polarisation in elementary particle scattering
polarisation in nuclear reactions and scattering
proton polarisation
SY *circular polarisation*
circular polarization
elliptical polarisation
plane polarisation
plane polarization
polarization
RT electro-optical effects
magneto-optical effects
polarimeters
polarimetry
DEU Polarisation

Polarisation elektromagnetischer Wellen
DEU for electromagnetic wave polarisation

Polarisation in Elementarpartikelstreuung
DEU for polarisation in elementary particle scattering

Polarisation in Elementarpartikelwechselwirkung
DEU for polarisation in elementary particle interactions

Polarisation in Elementarteilchenstreuung
DUS für polarisation in elementary particle scattering

Polarisation in Elementarteilchenwechselwirkung
DUS für polarisation in elementary particle interactions

polarisation in elementary particle interactions
BT elementary particle interactions polarisation
SY *polarization in elementary particle interactions*
PT elementary particle interactions polarisation
DEU Polarisation in Elementarpartikelwechselwirkung
DSY Polarisation in Elementarteilchenwechselwirkung

polarisation in elementary particle scattering
BT elementary particle scattering polarisation
SY *polarization in elementary particle scattering*
PT elementary particle scattering polarisation
DEU Polarisation in Elementarpartikelstreuung
DSY Polarisation in Elementarteilchenstreuung

Polarisation in Kernreaktion und Streuung
DEU for polarisation in nuclear reactions and scattering

polarisation in nuclear reactions and scattering
BT nuclear reactions and scattering polarisation
SY *analysing power*
polarization in nuclear reactions and scattering
PT nuclear polarisation
RT Legendre polynomials
nuclear polarisation
DEU Polarisation in Kernreaktion und Streuung

Polarisationsaberration
DUS für aberrations

Polarisation
DEU for polarisation

polariscopes
USE polarimeters

polarised targets
BT nuclear bombardment targets
PT nuclear bombardment targets
DEU polarisiertes Ziel

Polarisierbarkeit
DEU for polarisability

polarisiertes Ziel
DEU for polarised targets

Polariton
DEU for polaritons

polaritons
BT energy states
SY *photon-phonon excitations*
PT crystal electron states
RT attenuated total reflection
electromagnetic metamaterials
microwave metamaterials
optical metamaterials
phonons
quasiparticles
surface electromagnetic waves
terahertz metamaterials
DEU Polariton

polarizability
USE polarisability

polarization
USE polarisation

polarization in elementary particle interactions
USE polarisation in elementary particle interactions

polarization in elementary particle scattering
USE polarisation in elementary particle scattering

polarization in nuclear reactions and scattering
USE polarisation in nuclear reactions and scattering

Polarlicht
DUS für zodiacal light

Polarografie
DEU for polarography

Polarographie
DUS für polarography

polarographs
USE polarography

polarography
BT electrochemical analysis
SY *polarographs*
PT electrochemical analysis
RT voltammetry (chemical analysis)
DEU Polarografie
DSY Polarographie

Polaron
DEU for polarons

polarons
BT energy states
NT bipolarons
magnetic polarons
RT electron-phonon interactions
polar semiconductors
quasiparticles
small polaron conduction
DEU Polaron

polarons, magnetic
USE magnetic polarons

polars
USE cataclysmic binary stars
+ white dwarfs
+ X-ray binary stars

pole assignment
BT poles and zeros
PT poles and zeros
RT control system analysis
control system synthesis
zero assignment
DEU Polzuweisung

pole figures
USE texture
DEU Polfigur

poles and towers
BT supports
SY *pylons*
telegraph poles
towers

RT overhead line mechanical characteristics
DEU Mast (Kabel)
DSY Stab (Kabel)
Stange (Kabel)
Turm (Kabel)

poles and zeros
NT pole assignment
zero assignment
SY *zeros*
RT control system analysis
control system synthesis
frequency-domain analysis
frequency-domain synthesis
polynomials
rational functions
root loci
transfer functions
DEU Pol und Nullstelle

Polfigur
DEU for pole figures

police data processing
BT government data processing
police
PT police
RT fingerprint identification
law administration
DEU Polizeidatenverarbeitung
DSY polizeiliche Datenverarbeitung

police
NT police data processing
RT criminal law
digital forensics
emergency services
forensic science
law administration
DEU Polizei

Polieren
DEU for polishing

Poliermaschine
DEU for polishing machines

poling
USE dielectric polarisation

polishing
BT surface treatment
NT chemical mechanical polishing
electrolytic polishing
lapping (machining)
SY *waxing*
RT abrasion
burnishing
grinding
metallography
optical fabrication
polishing machines
surface finishing
DEU Polieren

polishing machines
BT production equipment
PT machine tools
polishing
RT machine tools
polishing
DEU Poliermaschine

politic driven bankruptcy
BT bankruptcy
DEU politisch beförderter Bankrott
DSY politisch beförderter Konkurs
politisch betriebener Bankrott
politisch betriebener Konkurs

politics
BT social sciences
PT economic and sociological effects
economics
RT economics
government
national security
socio-economic effects
DEU Politik

Politik
DEU for politics

politisch beförderter Bankrott
DEU for politic driven bankruptcy

politisch beförderter Konkurs
DUS für politic driven bankruptcy

politisch betriebener Bankrott
DUS für politic driven bankruptcy

politisch betriebener Konkurs
DUS für politic driven bankruptcy

Politur
DUS für varnish

Polizei
DEU for police

Polizeidatenverarbeitung
DEU for police data processing

polizeiliche Datenverarbeitung
DUS für police data processing

polluted insulators
USE insulator contamination

pollution
BT environmental factors
NT agricultural pollution
air pollution
industrial pollution
land pollution
noise pollution
oil pollution
radioactive pollution
space debris
thermal pollution
water pollution
UF *light pollution / pollution + sky brightness*
PT chemical variables control
RT contamination
design for disassembly
design for environment
disasters
ecology
emergency management
environmental economics
environmental monitoring (geophysics)
fission reactor fuel
pollution control
pollution measurement
toxicology
waste disposal
DEU Verschmutzung
DSY Verunreinigung

pollution control
NT air pollution control
soil pollution control
water pollution control
UF *remediation (environmental) / contaminated site remediation + decontamination + pollution control*
PT pollution detection and control
RT chemical variables control
decontamination
environmental management
pollution
pollution measurement
sustainable development
DEU Verschmutzungskontrolle
DSY Verunreinigungskontrolle

pollution measurement
BT measurement
NT air pollution measurement
water pollution measurement
PT pollution detection and control
RT chemical analysis
chemical variables measurement
geophysical techniques
pollution
pollution control
remote sensing
DEU Verschmutzungsmessung
DSY Verunreinigungsmessung

Polmeranchuk-Trajektor
DEU for Pomeranchuk trajectories

polonium
BT semimetals
SY *Po (chemical element)*
RT polonium compounds
DEU Polonium

polonium compounds
BT inorganic compounds
RT polonium
DEU Poloniumverbindung

Poloniumverbindung
DEU for polonium compounds

Polonium
DEU for polonium

polyelectrolytes
USE polymer electrolytes

polyethylene insulation
BT organic insulating materials
polymers
NT XLPE insulation
SY *HDPE insulation*
LDPE insulation
PT organic insulating materials
polymers
RT cable insulation
power cable insulation
DEU Polyethylenisolation
DSY Polyethylenisolator
Polyethylenisolierung

Polyethylenisolation
DEU for polyethylene insulation

Polyethylenisolator
DUS für polyethylene insulation

Polyethylenisolierung
DUS für polyethylene insulation

polygonisation
USE recovery

Polymer
DEU for polymers

polymer alloys
USE polymer blends

polymer blends
BT polymers
SY *block polymers*
copolymers
graft polymers
interpenetrating networks
polymer alloys
polymer mixtures
PT polymers
RT blending
plasticisers
polymerisation
DEU Polymermischung

polymer coatings
USE polymer films

polymer crystal structure
USE polymer structure

polymer dispersed liquid crystals
BT disperse systems
filled polymers
SY *liquid crystal dispersed polymers*
liquid crystal doped polymers
PT filled polymers
liquid crystals
nematic liquid crystals
RT liquid crystals
DEU polymer-disperser Flüssigkristall
DSY polymerdisperser Flüssigkristall

polymer electrolyte fuel cells
USE proton exchange membrane fuel cells

polymer electrolytes
BT conducting polymers
electrolytes
SY *polyelectrolytes*
PT conducting polymers
electrolytes
polymers
solid electrolytes
RT polymer solutions
proton exchange membrane fuel cells
solid electrolytes
DEU Polymerelektrolyt

polymer fibres
BT fibres
polymers
SY *Kevlar*
polymer filaments
PT fibres
polymers
RT electrospinning
DEU Polymerfaser

polymer filaments
USE polymer fibres

polymer films
BT films
polymers
SY *polymer coatings*
PT films
polymers
RT dielectric thin films
insulating thin films
self-assembly
spin coating
DEU Polymerfilm
DSY Polymerfolie

polymer foams
BT foams
polymers
NT foam rubber
SY *cellular polymers*
UF *foamed plastics / plastics* +
polymer foams
PT foams
RT lost foam casting
organic insulating materials
resins
DEU Polymerschaum
DSY Schaumpolymer

polymer gels
BT gels
polymers
NT hydrogels
PT gels
RT intelligent materials
polymer solutions
swelling
DEU Polymergel

polymer insulators
BT insulators
NT epoxy insulators
PT insulators

RT insulator contamination
insulator testing
organic insulating materials
plastics
polymers
DEU Kunststoffisolation
DSY Kunststoffisolator
Polymerisolation
Polymerisolator

polymer LED
USE organic light emitting diodes

polymer liquid crystals
USE liquid crystal polymers

polymer melt structure
USE liquid structure
\+ polymer melts

polymer melts
BT non-Newtonian fluids
polymers
SY *molten polymers*
UF *polymer melt structure / liquid structure + polymer melts*
PT polymers
RT liquid crystal polymers
rheology
DEU Polymerschmelze

polymer mixtures
USE polymer blends

polymer solid structure
USE polymer structure

polymer solution structure
USE liquid structure
\+ polymer solutions

polymer solutions
BT non-Newtonian fluids
polymers
solutions
UF *polymer solution structure / liquid structure + polymer solutions*
PT polymers
solutions
RT drag
drag reduction
liquid crystal polymers
polymer electrolytes
polymer gels
rheology
DEU Polymerlösung

polymer structure
BT noncrystalline structure
SY *polymer crystal structure*
polymer solid structure
PT noncrystalline state structure
RT polymers
DEU Polymerstruktur

polymer-disperser Flüssigkristall
DEU for polymer dispersed liquid crystals

polymer-dotierter Halbleiter
DEU for semiconductor doped polymers

Polymer-Druck-Messumformer
DUS für pressure transducers

polymerdisperser Flüssigkristall
DUS für polymer dispersed liquid crystals

Polymerelektrolyt
DEU for polymer electrolytes

Polymerelektrolytmembranbrennstoffzelle
DUS für proton exchange membrane fuel cells

Polymerfaser
DEU for polymer fibres

Polymerfilm
DEU for polymer films

Polymerfolie
DUS für polymer films

Polymergel
DEU for polymer gels

polymerisation
BT chemical reactions
SY *copolymerisation*
copolymerization
plasma polymerisation
polymerization
RT association (chemical)
curing
polymer blends
polymers
DEU Polymerisation

Polymerisation
DEU for polymerisation

Polymerisieren
DUS für curing

Polymerisolation
DUS für polymer insulators

Polymerisolator
DUS für polymer insulators

polymerization
USE polymerisation

Polymerlösung
DEU for polymer solutions

Polymermischung
DEU for polymer blends

polymers
BT chemical products
materials
organic compounds
NT conducting polymers
elastomers
epoxy insulation
fibre reinforced plastics
filled polymers
inorganic polymers
liquid crystal polymers
optical polymers
polyethylene insulation
polymer blends
polymer fibres
polymer films
polymer foams
polymer gels
polymer melts
polymer solutions
SY *homopolymers*
nylon
RT adhesives
biodegradable materials
electroactive polymer actuators
glass transition
macromolecules
plasticisers
plastics
polymer insulators
polymer structure
polymerisation
resins
soft matter
vulcanisation
DEU Polymer

Polymerschaum
DEU for polymer foams

Polymerschmelze
DEU for polymer melts

Polymerstruktur
DEU for polymer structure

polymorphe Transformation
DEU for polymorphic transformations

polymorphic transformations
BT solid-state phase transformations
PT solid-state phase transformations
RT commensurate-incommensurate transformations
displacive transformations
order-disorder transformations
polymorphism
DEU polymorphe Transformation
DSY polymorphische Transformation

polymorphische Transformation
DUS für polymorphic transformations

polymorphism
BT crystallography
SY *allotropism*
polytypism
RT crystal structure
isomorphism
polymorphic transformations
DEU Allotropie
DSY Polymorphismus

Polymorphismus
DUS für polymorphism

Polynom
DEU for polynomials

polynomial approximation
BT approximation theory
polynomials
NT piecewise polynomial techniques
PT approximation theory
polynomials
RT Chebyshev approximation
splines (mathematics)
DEU polynomiale Näherung

polynomial matrices
BT matrix algebra
polynomials
PT matrix algebra
polynomials
DEU Polynomialmatrix

polynomiale Näherung
DEU for polynomial approximation

Polynomialmatrix
DEU for polynomial matrices

polynomials
BT algebra
NT Legendre polynomials
polynomial approximation
polynomial matrices
splines (mathematics)
Zernike polynomials
RT equations
Galois fields
poles and zeros
rational functions
Routh methods
DEU Polynom

polytypism
USE polymorphism

Polzuweisung
DEU for pole assignment

Pomeranchuk particles
USE Pomerons

Pomeranchuk poles
BT complex angular momentum plane
NT Pomerons
PT Pomeranchuk poles and trajectories
RT Pomeranchuk trajectories
quantum field theory
Regge poles
Regge trajectories
DEU Pomeranchuk-Pol

Pomeranchuk trajectories
BT complex angular momentum plane
PT Pomeranchuk poles and trajectories
RT Pomeranchuk poles
Pomerons
quantum field theory
Regge poles
Regge trajectories
DEU Polmeranchuk-Trajektor

Pomeranchuk-Pol
DEU for Pomeranchuk poles

Pomeron
DEU for Pomerons

Pomerons
BT Pomeranchuk poles
SY *Pomeranchuk particles*
PT Pomeranchuk poles and trajectories
RT Pomeranchuk trajectories
quantum field theory
DEU Pomeron

Pontryagin maximum principle
USE maximum principle

pool boiling
USE boiling

Poole-Frenkel effect
BT high field effects
SY *Frenkel-Poole effect*
PT high field effects
DEU Poole-Frenkel-Effekt

Poole-Frenkel-Effekt
DEU for Poole-Frenkel effect

popcorn noise
USE burst noise
\+ random noise

Popelin
USE cotton fabrics

Popov criterion
BT stability criteria
PT stability criteria
stability
RT nonlinear control systems
DEU Popov-Kriterium

Popov-Kriterium
DEU for Popov criterion

Population II main-sequence stars
USE dwarf stars

Population III stars
USE cosmology
\+ stars

population inversion
PT lasers
RT electron beam pumping
energy states
Jaynes-Cummings model
laser theory
lasers
multiphoton processes
optical pumping
photoexcitation

stimulated emission
superradiance
two-photon processes
DEU Besetzungsinversion

porcelain
BT ceramics
RT ceramic insulation
ceramic products
enamels
glazes
porcelain insulators
pottery
DEU Porzellan

porcelain insulation
USE ceramic insulation
\+ porcelain insulators

porcelain insulators
BT ceramic insulators
insulators
UF *porcelain insulation / ceramic insulation + porcelain insulators*
PT insulators
RT insulator contamination
insulator testing
porcelain
DEU Porzellanisolator

Porendruck
DUS für pressure

poröser Halbleiter
DEU for porous semiconductors

poröser Werkstoff
DEU for porous materials

poröses Material
DUS für porous materials

Porosität
DEU for porosity

porosity
SY *sponginess*
PT porous materials
RT capillarity
compressibility
density
permeability
porous materials
surface phenomena
DEU Porosität

porous materials
BT materials
NT aerogels
mesoporous materials
molecular sieves
nanoporous materials
porous semiconductors
zeolites
SY *sponges*
RT activated carbon
ceramics
flow through porous media
foams
honeycomb structures
metal foams
porosity
sand
sediments
soil
DEU poröser Werkstoff
DSY poröses Material

porous semiconductors
BT porous materials
semiconductor materials
semiconductors
PT porous materials
RT anodisation
electroluminescence
mesoporous materials
nanoporous materials
nanostructured materials
photoluminescence
DEU poröser Halbleiter

portability, data
USE electronic data interchange

portability, software
USE software portability

Portable Common Tools Environment
USE programming environments

portable computers
BT microcomputers
NT laptop computers
notebook computers
wearable computers
UF *mobile computers / mobile computing + portable computers*
PT microcomputers
RT Bring Your Own Device
Compaq computers
electronic calculators
IBM compatible machines
portable instruments
Toshiba computers

DEU tragbarer Computer
DSY tragbarer Rechner

portable instruments
BT instruments
RT automatic test equipment
computerised instrumentation
digital instrumentation
portable computers
test equipment
DEU transportables Gerät
DSY transportables Instrument

Portal (Internet)
DEU for portals

portals
BT information resources
SY *information portals*
Web portals
PT information resources
online front-ends
search engines
RT information retrieval
online front-ends
search engines
Web sites
DEU Portal (Internet)

Portevin-Le Chatelier effect
BT serrated yielding
PT serrated yielding
RT stress-strain relations
DEU Portevin-Le-Chatellier-Effekt

Portevin-Le-Chatellier-Effekt
DEU for Portevin-Le Chatelier effect

portfolios (finance)
USE investment

Portland cement
USE cements (building materials)

ports (sea)
USE sea ports

Porzellan
DEU for porcelain

Porzellanisolator
DEU for porcelain insulators

pose estimation
BT image recognition
RT object recognition
robot vision
DEU Posen-Erkennung (Technik)

Posen-Erkennung (Technik)
DEU for pose estimation

posistors
USE resistors
DEU Kaltleiter

position control
BT spatial variables control
NT collision avoidance
micropositioning
nanopositioning
trajectory control
UF *orientation control / attitude control + position control*
SY *path control*
positioning
RT attitude control
ball screws
compliance control
displacement control
flexible manipulators
manipulators
marine control
mechanical guides
micromanipulators
motion control
position measurement
sensorless machine control
servomechanisms
servomotors
tracking
DEU Lagesteuerung

position finding
USE navigation
DEU Ortungsverfahren

position measurement
BT spatial variables measurement
NT gaze tracking
RT astrometry
attitude measurement
inductive sensors
motion measurement
position control
servomechanisms
servomotors
trajectory control
DEU Positionsbestimmung
DSY Positionsmessung

position sensitive particle detectors
BT particle detectors
NT bubble chambers
cloud chambers
multiwire proportional chambers
spark chambers

time projection chambers
transition radiation detectors
UF *scintillating fibre detectors / position sensitive particle detectors + solid scintillation detectors*
SY *vertex detectors*
PT particle detectors
RT multiwire ionisation chambers
proportional counters
scintillation counters
semiconductor counters
DEU positions-sensitiver Partikeldetektor
DSY positions-sensitiver Teilchendetektor

positioning
USE position control

positions-sensitiver Partikeldetektor
DEU for position sensitive particle detectors

positions-sensitiver Teilchendetektor
DUS für position sensitive particle detectors

Positionsbestimmung
DEU for position measurement

Positionsmessung
DUS für position measurement

positive column
PT discharges (electric)
glow discharges
RT cold-cathode tubes
discharges (electric)
glow discharges
plasma
DEU positive Säule

positive feedback
USE feedback

positive impedance invertors
USE gyrators

positive ions
BT ions
SY *cations*
UF *H3O+ / hydrogen compounds + positive ions*
UF *hydroxonium ion / hydrogen compounds + positive ions*
RT positron attachment
DEU Kation
DSY positives Ion

positive ray sources
USE ion sources

positive rays
USE ion beams

positive Säule
DEU for positive column

positives Ion
DUS für positive ions

Positron
DEU for positrons

positron annihilation
BT positron collisions
UF *electron-positron interactions (atomic physics) / atom-positron collisions + positron annihilation*
UF *electron-positron interactions (molecular physics) / molecule-positron collisions + positron annihilation*
PT positron annihilation in atoms
positron annihilation in liquids and solids
positron annihilation in molecules
RT atom-positron collisions
molecule-positron collisions
positron impact ionisation
DEU Positronenvernichtung
DSY Positronenzerstrahlung

positron annihilation (elementary particles)
USE electron-positron inclusive interactions

positron attachment
BT positron collisions
UF *dissociative attachment / dissociation + electron attachment + positron attachment*
PT electron attachment
RT electron attachment
positive ions
DEU Positronbindung

positron collisions
BT collision processes
NT atom-positron collisions
molecule-positron collisions
positron annihilation
positron attachment
positron impact dissociation
positron impact excitation
positron impact ionisation

positron-surface impact
SY *positron impact*
UF *positron scattering / electron-electron scattering + electron-nucleon scattering + electron-nucleus scattering + hadron electroproduction + positron collisions*
RT electron collisions
DEU Positron-Zusammenstoß

positron emission tomography
BT emission tomography
SY *PET (tomography)*
PT computerised tomography
radioisotope scanning and imaging
RT phantoms
DEU Positronen-Emissionstomografie
DSY Positronen-Emissionstomographie
Positronenemission-Tomografie
Positronenemission-Tomographie
Positronenemissionstomografie
Positronenemissionstomographie

positron impact
USE positron collisions

positron impact dissociation
BT dissociation
positron collisions
PT molecular electron impact dissociation
RT electron impact dissociation
molecule-positron collisions
DEU Positronenstoßdissoziation

positron impact excitation
BT positron collisions
PT atomic electron impact excitation
molecular electron impact excitation
RT atom-positron collisions
electron impact excitation
molecule-positron collisions
DEU Positronenstoßexzitation

positron impact ionisation
BT ionisation
positron collisions
PT atomic electron impact ionisation
molecular electron impact ionisation
RT atom-positron collisions
electron impact ionisation
molecule-positron collisions
positron annihilation
DEU Positronenstoßionisation

positron microscopes
USE electron microscopes

positron scattering
USE electron-electron scattering
\+ electron-nucleon scattering
\+ electron-nucleus scattering
\+ hadron electroproduction
\+ positron collisions

positron scattering (atoms)
USE atom-positron collisions

positron scattering (molecules)
USE molecule-positron collisions

positron sources
BT particle sources
PT electron sources
RT beta-ray sources
electron sources
DEU Positronenquelle

positron states
BT energy states
DEU Positronenzustand

positron-atom collisions
USE atom-positron collisions

positron-molecule collisions
USE molecule-positron collisions

Positron-Oberflächenstoß
DEU for positron-surface impact

positron-positron interactions
BT lepton-lepton interactions
PT lepton-lepton interactions
DEU Positron-Positron-Wechselwirkung

positron-positron scattering
BT lepton-lepton scattering
PT lepton-lepton scattering
RT lepton-lepton interactions
DEU Positron-Positron-Streuung

Positron-Positron-Streuung
DEU for positron-positron scattering

Positron-Positron-Wechselwirkung
DEU for positron-positron interactions

positron-surface impact
BT positron collisions
surface collisions
PT electron-surface impact
RT electron-surface impact

DEU Positron-Oberflächenstoß

Positron-Zusammenstoß
DEU for positron collisions

Positronbindung
DEU for positron attachment

Positronen-Emissionstomografie
DEU for positron emission tomography

Positronen-Emissionstomographie
DUS für positron emission tomography

Positronenemission-Tomografie
DUS für positron emission tomography

Positronenemission-Tomographie
DUS für positron emission tomography

Positronenemissionstomografie
DUS für positron emission tomography

Positronenemissionstomographie
DUS für positron emission tomography

Positronenquelle
DEU for positron sources

Positronenstoßdissoziation
DEU for positron impact dissociation

Positronenstoßexzitation
DEU for positron impact excitation

Positronenstoßionisation
DEU for positron impact ionisation

Positronenvernichtung
DEU for positron annihilation

Positronenzerstrahlung
DUS für positron annihilation

Positronenzustand
DEU for positron states

positronium
BT exotic atoms
SY *Ps (chemical element)*
RT atoms
electron pair production
electron pairs
electrons
muonium
positrons
DEU Positronium (exotisches Atom)

Positronium (exotisches Atom)
DEU for positronium

positrons
BT leptons
RT beta-rays
electron pairs
electrons
positronium
DEU Positron

POSIX
USE Unix

possibility theory
BT mathematics
RT expert systems
fuzzy logic
fuzzy set theory
probability
uncertain systems
DEU Möglichkeitstheorie
DSY Wahrscheinlichkeitstheorie

post T Tau stars
USE dwarf stars
\+ variable stars

postal scales
USE mailing systems

postal services
BT service industries
NT mailing systems
SY *airmail*
mail
parcel post
RT electronic mail
mail order
DEU Postdienst

Postdienst
DEU for postal services

PostScript
USE page description languages

postulated particles
USE hypothetical particles

potassium
BT alkali metals
SY *K (chemical element)*
RT potassium alloys
potassium compounds
DEU Kalium

potassium alloys
BT alkali metal alloys
RT potassium
potassium compounds
DEU Kaliumlegierung

potassium compounds
BT alkali metal compounds
SY *KDP*
UF *Rochelle salt / organic compounds + potassium compounds + sodium compounds*
RT potassium
potassium alloys
DEU Kaliumverbindung

potential dividers
USE voltage dividers

potential energy curves
USE potential energy surfaces

potential energy functions
NT Lennard-Jones potential
Morse potential
UF *Coulomb potential / electric potential + potential energy functions*
SY *Dunham energy coefficients*
Hulbert-Hirschfelder potential functions
interatomic potentials
intermolecular potentials
intramolecular potentials
molecular potentials
PT molecular internal mechanics
molecular vibration
RT atomic forces
dissociation energies
intermolecular mechanics
linear muffin-tin orbital method
molecular force constants
molecules
potential energy surfaces
pseudopotential methods
DEU Potential-Energie-Funktion
DSY Potenzial-Energie-Funktion

potential energy surfaces
SY *Landau-Zener-Stueckelberg parameter*
potential energy curves
PT potential energy curves and surfaces of molecules
potential energy surfaces for chemical reactions
potential energy surfaces for collision processes
RT chemical reactions
collision processes
potential energy functions
quantum chemistry
reaction kinetics
vibrational states
DEU aufgeladene Oberfläche
DSY Potentialenergie-Oberfläche
Potenzialenergie-Oberfläche

potential models (elementary particles)
USE elementary particle potential models

potential scattering
BT scattering
UF *beta-ray scattering / beta-ray effects + collision processes + energy loss of particles + particle backscattering + potential scattering + transport processes*
UF *particle scattering / collision processes + energy loss of particles + particle backscattering + particle beams + potential scattering + radiation effects + transport processes*
PT scattering
DEU Potential-Streuung
DSY Potenzial-Streuung
Spannungs-Streuung

potential transformers
BT transformers
SY *voltage transformers*
PT transformers
RT ferroresonance
DEU Spannungswandler

Potential-Energie-Funktion
DEU for potential energy functions

Potential-Streuung
DEU for potential scattering

Potentialenergie-Oberfläche
DUS für potential energy surfaces

potentials (bioelectric)
USE bioelectric potentials

potentials (electric)
USE electric potential

Potentiometer
DEU for potentiometers

potentiometers
BT meters
resistors
voltage dividers
RT analogue computer circuits
voltage measurement
voltmeters
DEU Potentiometer
DSY Potenziometer

Potenzial-Energie-Funktion
DUS für potential energy functions

Potenzial-Streuung
DUS für potential scattering

Potenzialenergie-Oberfläche
DUS für potential energy surfaces

Potenziometer
DUS für potentiometers

Pott-Modell
DEU for Potts model

pottery
BT ceramic products
PT ceramic industry
ceramics
RT firing (materials)
porcelain
DEU Töpferei
DSY Töpferware

Potts model
BT lattice theory
PT lattice theory and statistics
RT aggregation
percolation
statistical mechanics
DEU Pott-Modell

powder cores
BT magnetic cores
SY *dust cores*
RT ferrites
DEU Pulverkern

powder injection moulding
USE injection moulding

powder metallurgy
BT metallurgy
powder technology
PT metallurgy
RT ball milling
materials preparation
mechanical alloying
DEU Pulvermetallurgie
powder sprayed coatings
USE spray coatings

powder spraying
USE powder technology
\+ spray coating techniques

powder techniques
USE powder technology

powder technology
BT technology
NT ball milling
powder metallurgy
UF *powder spraying / powder technology + spray coating techniques*
SY *powder techniques*
UF *spray drying / drying + powder technology + spraying*
PT densification
powder metallurgy
powders
sintering
RT calcination
ceramics
cermets
combustion synthesis
densification
firing (materials)
functionally graded materials
hot pressing
materials preparation
melt texturing
nanostructured materials
powders
rapid solidification
refractories
shrinkage
sintering
tape casting
DEU Pulvertechnik
DSY Pulvertechnologie

powders
BT granular materials
RT activated carbon
densification
disperse systems
dust
granular structure
particle size
powder technology
sintering
DEU Pulver

powders, magnetic
USE magnetic particles

power amplifiers
BT amplifiers
NT radiofrequency power amplifiers
RT feedforward amplifiers
magnetic amplifiers
DEU Leistungsverstärker
DSY Stromverstärker

power apparatus
SY *power equipment*
DEU elektrische Apperatur
DSY elektrisches Gerät
Elektroapparat
Elektrogerät

power aware communication
USE telecommunication power management

power aware computing
BT environmental factors
operating systems (computers)
SY *voltage scaling (computers)*
RT battery management systems
computer power supplies
green computing
low-power electronics
performance evaluation
power consumption
supervisory programs
telecommunication power management
DEU energiesparende Computeranwendung
DSY energiesparende Rechneranwendung

power bipolar transistors
BT bipolar transistors
power transistors
PT bipolar transistors
heterojunction bipolar transistors
power transistors
RT bipolar transistor switches
heterojunction bipolar transistors
insulated gate bipolar transistors
DEU bipolarer Leistungtransistor

power blackouts
USE power system reliability

power brownouts
USE power system reliability

power cable insulation
BT cable insulation
power cables
NT oil filled cables
PT cable insulation
power cables
RT ethylene-propylene rubber
impregnated insulation
insulating oils
polyethylene insulation
XLPE insulation
DEU Elektrokabelisolation
DSY Elektrokabelisolierung

power cable testing
BT cable testing
power cables
PT cable testing
power cables
DEU Energiekabelprüfung

power cables
BT cables (electric)
NT power cable insulation
power cable testing
SY *gas pressure cables*
power lines
RT cable laying
electric conduits
power overhead lines
power systems
power transmission lines
superconducting cables
underground cables
DEU Starkstromkabel

power capacitors
BT capacitors
NT capacitor switching
supercapacitors
PT capacitors
RT capacitor storage
pulsed power technology
static VAr compensators
DEU Leistungskondensator

power combiners
BT waveguide components
PT waveguide components
RT microstrip components
power dividers
strip line components
DEU Energieverbinder
DSY Leistungsverbinder
Stromverbinder

power consumption
BT energy consumption
SY *electric energy consumption*
electricity consumption
RT automatic meter reading
demand side management
electricity supply industry
energy conservation
load management
low-power electronics
power aware computing
power system measurement
power utilisation
smart meters
tariffs
telecommunication power management
DEU Leistungsaufnahme
DSY Leistungsverbrauch
Netzentnahme

power control
BT electric variables control
NT reactive power control
SY *energy control*
RT lighting control
load regulation
power measurement
telecommunication power management
DEU Leistungsregelung

power conversion
NT power conversion harmonics
RT mercury arc rectifiers
phase convertors
power convertors
rotary convertors
substations
testing
DEU Stromrichter

power conversion harmonics
BT power conversion
power convertors
power system harmonics
PT harmonics
RT harmonics suppression
power harmonic filters
DEU Stromrichterharmonie

power converters
USE power convertors

power convertors
BT convertors
NT AC-AC power convertors
AC-DC power convertors
cycloconvertors
DC-AC power convertors
DC-DC power convertors
HVDC power convertors
matrix convertors
mercury arc rectifiers
power conversion harmonics
PWM power convertors
resonant power convertors
rotary convertors
switching convertors
thyristor convertors
SY *boost converters*
boost convertors
buck converters
buck convertors
buck-boost converters
buck-boost convertors
power converters
RT choppers (circuits)
power conversion
power electronics
telecommunication power supplies
zero current switching
zero voltage switching
DEU Umformer (Energietechnik)

power distribution
NT distribution networks
PT distribution networks
RT power transmission
DEU elektrische Energieverteilung
DSY Stromverteilung

power distribution (circuits)
USE integrated circuit interconnections
\+ interconnections
\+ printed circuit interconnections

power distribution control
BT distribution networks
power system control
PT distribution networks
power system control
RT load flow control
load regulation
power transmission control
DEU Energieverteilungskontrolle
DSY Energieverteilungsregelung
Energieverteilungssteuerung
Stromverteilungskontrolle
Stromverteilungsregelung
Stromverteilungssteuerung

power distribution economics
BT distribution networks
power system economics
PT distribution networks

economics
RT power distribution planning
tariffs
DEU Energieverteilungsökonomie
DSY Energieverteilungswirtschaft

power distribution faults
BT distribution networks
power system faults
UF *islanding / distributed power generation + power distribution faults*
PT distribution networks
electrical faults
RT fault diagnosis
fault location
power distribution reliability
DEU Energieverteilungsfehler
DSY Stromverteilungsfehler

power distribution lines
BT distribution networks
PT distribution networks
power transmission lines
RT power overhead lines
power transmission lines
DEU Energieverteilungsnetz
DSY Stromverteilungsnetz

power distribution networks
USE distribution networks

power distribution planning
BT distribution networks
power system planning
PT distribution networks
power system planning
RT power distribution economics
DEU Energieverteilungsplanung
DSY Stromverteilungsplanung

power distribution protection
BT distribution networks
power system protection
PT distribution networks
power system protection
RT lightning protection
overcurrent protection
overvoltage protection
relay protection
DEU Energieverteilungsschutz
DSY Stromverteilungsschutz

power distribution reliability
BT distribution networks
power system reliability
PT distribution networks
power system reliability
RT power distribution faults
DEU Energieverteilungszuverlässigkeit
DSY Stromverteilungszuverlässigkeit

power dividers
BT waveguide components
PT waveguide components
RT microstrip components
power combiners
strip line components
DEU Stromteiler

power electronics
NT power integrated circuits
power semiconductor devices
power supply circuits
PT power supplies to apparatus
power supply circuits
RT AC-AC power convertors
AC-DC power convertors
DC-AC power convertors
DC-DC power convertors
driver circuits
invertors
matrix convertors
power convertors
power filters
power supplies to apparatus
PWM invertors
PWM power convertors
rectifying circuits
resonant invertors
resonant power convertors
snubbers
switching convertors
uninterruptible power supplies
DEU Leistungselektronik

power engineering
BT electrical engineering
NT power engineering computing
power engineering education
PT electrical engineering
RT high-voltage engineering
power systems
DEU Energietechnik

power engineering computing
BT electrical engineering computing
power engineering
NT electric machine analysis computing
electric machine CAD
EMTP (Electromagnetic Transients Program)
power system analysis computing
power system CAD
PT electrical engineering computing

RT power system control
power system management
power systems
DEU Computeranwendung in der Energietechnik
DSY computergestützte Energietechnik
computerunterstützte Energietechnik
Rechneranwendung in der Energietechnik
rechnergestützte Energietechnik
rechnerunterstützte Energietechnik

power engineering education
BT electrical engineering education
power engineering
PT education
RT computer aided instruction
educational courses
power systems
teaching
training
DEU Energetikausbildung
DSY Energietechnikausbildung
energietechnische Ausbildung
energietechnische Bildung

power equipment
USE power apparatus

power exchange
USE power markets

power factor
RT capacitance
inductance
power factor correction
power factor measurement
reactive power
DEU Leistungsfaktor

power factor correction
NT static VAr compensators
RT power factor
DEU Leistungsfaktorkorrektur

power factor measurement
BT electric variables measurement
SY *power factor meters*
RT power factor
DEU Leistungsfaktormessung

power factor meters
USE power factor measurement

power FET
USE power field effect transistors

power field effect transistors
BT field effect transistors
power transistors
NT power HEMT
power MESFET
power MOSFET
SY *power FET*
PT field effect transistors
power transistors
RT field effect transistor switches
static induction transistors
DEU Feldeffektleistungstransistor
DSY Leistungsfeldeffekttransistor

power filters
BT filters
NT power harmonic filters
RT active filters
power electronics
power supply circuits
power system harmonics
DEU Energiefilter
DSY Leistungsfilter
Stromfilter

power flow
USE load flow

power flow control
USE load flow control

power generation control
BT electric power generation
power system control
NT power station control
PT electric power generation
power station control
RT load flow control
load regulation
maximum power point trackers
DEU Energieerzeugungskontrolle
DSY Energieerzeugungsregelung
Energieerzeugungssteuerung
Stromerzeugungskontrolle
Stromerzeugungsregelung
Stromerzeugungssteuerung

power generation dispatch
BT electric power generation
load dispatching
UF *unit commitment / power generation dispatch + power generation scheduling*
PT electric power generation
load dispatching

RT power generation scheduling
DEU Energieerzeugungsdispatcher
DSY Stromerzeugungsdispatcher

power generation economics
BT electric power generation
power system economics
PT economics
electric power generation
RT power generation planning
power generation protection
DEU Energieerzeugungsökonomie
DSY Energieerzeugungswirtschaft
Energieerzeugungswirtschaftlichkei
t
Stromerzeugungsökonomie
Stromerzeugungswirtschaft
Stromerzeugungswirtschaftlichkeit

power generation faults
BT electric power generation
power system faults
PT electric power generation
electrical faults
RT fault diagnosis
fault location
power generation reliability
DEU Energieerzeugungsfehler
DSY Stromerzeugungsfehler

power generation planning
BT electric power generation
power system planning
PT electric power generation
power system planning
RT power generation economics
DEU Energieerzeugungsplanung
DSY Stromerzeugungsplanung

power generation protection
BT electric power generation
power system protection
PT electric power generation
power system protection
RT power generation economics
DEU Energieerzeugungsschutz
DSY Stromerzeugungsschutz

power generation reliability
BT electric power generation
power system reliability
PT electric power generation
power system reliability
RT power generation faults
DEU Energieerzeugungszuverlässigkeit
DSY Energiezuverlässigkeit
Stromerzeugungszuverlässigkeit
Stromzuverlässigkeit
Zuverlässigkeit der
Energieerzeugung
Zuverlässigkeit der
Stromerzeugung

power generation scheduling
BT electric power generation
scheduling
UF *unit commitment / power generation dispatch* + *power generation scheduling*
PT electric power generation
scheduling
RT load dispatching
load management
power generation dispatch
DEU Energieerzeugungszeitplanung
DSY Stromerzeugungszeitplanung

power generation, electric
USE electric power generation

power generators, electric
USE electric generators

power grids
BT power systems
NT smart power grids
PT power system interconnection
RT distribution networks
electricity supply industry
power markets
power system control
power system interconnection
transmission networks
DEU Energienetz
DSY Stromnetz

power harmonic filters
BT harmonics suppression
power filters
PT power filters
power system harmonics
RT harmonic distortion
power conversion harmonics
power supply quality
power system harmonics
DEU harmonischer Energiefilter
DSY harmonischer Stromfilter

power HEMT
BT high electron mobility transistors
power field effect transistors
SY *power MODFET*
PT high electron mobility transistors
power transistors
DEU Leistungs-HEMT

power inductors
BT inductors
NT power transformers
RT inductive energy storage
DEU Elektrizitätsinduktor
DSY Strominduktor

power industry
USE electricity supply industry

power integrated circuits
BT integrated circuits
power electronics
SY *high-voltage integrated circuits*
HVIC
smart power
PT monolithic integrated circuits
power transistors
RT BiCMOS integrated circuits
BIMOS integrated circuits
monolithic integrated circuits
power semiconductor devices
power transistors
semiconductor devices
DEU Smart-Power-Technik

power interruption
USE power system faults
\+ power system reliability

power line communication
USE carrier transmission on power lines

power lines
USE power cables

power markets
BT electricity supply industry
deregulation
SY *electricity markets*
electricity trading
power exchange
power pools
power trading
power wheeling
PT electricity supply industry
power system economics
RT power grids
power system economics
power transmission
DEU Energiemarkt
DSY Gasmarkt
Strommarkt

power measurement
BT electric variables measurement
RT automatic meter reading
energy measurement
laser variables measurement
maximum-demand indicators
power control
power meters
power system measurement
reactive power
smart meters
torquemeters
volt-ampere meters
watthour meters
wattmeters
DEU Leistungsmessung

power MESFET
BT power field effect transistors
Schottky gate field effect transistors
PT power transistors
Schottky gate field effect transistors
DEU Leistungs-MESFET

power meters
BT meters
SY *energy meters*
PT meters
power measurement
RT automatic meter reading
metering
microwave measurement
optical variables measurement
power measurement
smart meters
standing wave meters
volt-ampere meters
watthour meters
wattmeters
DEU Kraftmessgerät
DSY Stromzähler
Zähler

power MODFET
USE power HEMT

power MOSFET
BT MOSFET
power field effect transistors
PT insulated gate field effect transistors
power transistors
DEU Leistungs-MOSFET

power networks
USE distribution networks
\+ transmission networks

power outages
USE power system reliability

power overhead lines
BT power transmission lines
NT overhead line mechanical characteristics
SY *overhead lines, power*
PT overhead lines
RT conductors (electric)
de-icing
overhead line conductors
power cables
power distribution lines
power transmission
railway electrification
DEU Starkstromfreileitung

power packs
USE power supplies to apparatus

power plants
BT electric power generation
NT battery storage plants
fuel cell power plants
magnetohydrodynamic power plants
mobile power plants
waste-to-energy power plants
wave power plants
wind power plants
SY *plants (power)*
RT coal gasification
combined cycle power stations
flue gas desulphurisation
power stations
power supplies to apparatus
solar power
thermal power stations
DEU Kraftwerksanlage

power pools
USE power markets

power semiconductor devices
BT power electronics
semiconductor devices
NT power semiconductor diodes
power semiconductor switches
power transistors
thyristors
PT power electronics
RT power integrated circuits
DEU Halbleiterleistungsgerät

power semiconductor diodes
BT power semiconductor devices
semiconductor diodes
PT power electronics
RT power semiconductor switches
DEU Halbleiterleistungsdiode

power semiconductor switches
BT power semiconductor devices
semiconductor switches
SY *dynistors*
IGBT switches
PT semiconductor switches
RT bipolar transistor switches
field effect transistor switches
insulated gate bipolar transistors
power semiconductor diodes
power transistors
switching convertors
thyristors
DEU Halbleiterleistungsschalter
DSY Leistungshalbleiterschalter

power station computer control
USE power station control

power station control
BT power generation control
SY *power station computer control*
RT power station load
power stations
DEU Kraftwerkskontrolle
DSY Kraftwerksregelung
Kraftwerkssteuerung

power station load
BT load (electric)
RT load forecasting
power station control
power stations
power system interconnection
DEU Kraftwerksleistung

power stations
BT electric power generation
NT hydroelectric power stations
nuclear power stations
solar power stations
thermal power stations
SY *stations, power*
RT boilers
coal gasification
cogeneration
distribution networks
energy resources
flue gas desulphurisation
fuel
power plants

power station control
power station load
substations
DEU Kraftwerk

power supplies to apparatus
NT accelerator RF systems
computer power supplies
prosthetic power supplies
pulsed power supplies
telecommunication power supplies
traction power supplies
uninterruptible power supplies
SY *power packs*
RT AC-AC power convertors
AC-DC power convertors
aircraft power systems
cells (electric)
constant current sources
DC-AC power convertors
DC-DC power convertors
ferroresonant circuits
marine power systems
matrix convertors
power electronics
power plants
power supply circuits
power supply quality
pulsed power technology
PWM invertors
PWM power convertors
resonant invertors
resonant power convertors
space power generation
space vehicle power plants
switched mode power supplies
switching convertors
DEU Netzanschluss
DSY Netzanschlussgerät
Netzteil

power supply circuits
BT networks (circuits)
power electronics
NT constant current sources
switched mode power supplies
RT AC-AC power convertors
AC-DC power convertors
charge pump circuits
computer power supplies
DC-AC power convertors
DC-DC power convertors
ferroresonant circuits
matrix convertors
power filters
power supplies to apparatus
PWM invertors
PWM power convertors
rectifiers
resonant invertors
resonant power convertors
switching convertors
telecommunication power supplies
transformers
uninterruptible power supplies
DEU Netzgerät

power supply industry
USE electricity supply industry

power supply quality
UF *flickermeters / power supply quality + power system measurement + voltage measurement*
SY *voltage sags*
voltage spikes
RT harmonics suppression
phasor measurement
power harmonic filters
power supplies to apparatus
power transmission
uninterruptible power supplies
DEU Spannungsqualität

power supply, emergency
USE emergency power supply

power system analysis computing
BT computer aided analysis
power engineering computing
power systems
NT power system simulation
PT computer aided analysis
electrical engineering applications of computers
RT EMTP (Electromagnetic Transients Program)
power system CAD
power system control
power system identification
DEU Computeranwendung in der Energienetzanalyse
DSY Computeranwendung in der Stromnetzanalyse
computergestützte Energienetzanalyse
computergestützte Stromnetzanalyse
computerunterstützte Energienetzanalyse
computerunterstützte Stromnetzanalyse
rechnergestützte Energienetzanalyse
rechnergestützte

Stromnetzanalyse
rechnerunterstützte Energienetzanalyse
rechnerunterstützte Stromnetzanalyse

power system CAD
BT CAD
power engineering computing
power systems
PT computer-aided design
electrical engineering applications of computers
RT power system analysis computing
power system control
power system simulation
DEU Energiesystem-CAD
DSY Stromsystem-CAD

power system computer control
USE power system control

power system control
BT automation
computerised control
power systems
NT power distribution control
power generation control
power transmission control
substation automation
SY *power system computer control*
RT battery storage plants
demand side management
EMTP (Electromagnetic Transients Program)
energy management systems
load flow control
load management
load regulation
power engineering computing
power grids
power system analysis computing
power system CAD
power system dynamic stability
power system identification
power system management
power system parameter estimation
power system restoration
power system security
power system stability
power system state estimation
power system transient stability
reactive power control
SCADA systems
smart power grids
DEU Energiesystemkontrolle
DSY Energiesystemregelung
Energiesystemsteuerung

power system disturbances
USE power system faults

power system dynamic stability
BT power system stability
SY *voltage collapse*
PT power system stability
RT power system control
power system protection
power system restoration
subsynchronous resonance
DEU dynamische Energienetzstabilität
DSY dynamische Stromnetzstabilität

power system economics
BT industrial economics
power systems
NT power distribution economics
power generation economics
power transmission economics
PT economics
power systems
RT electricity supply industry
deregulation
power markets
power system management
power system planning
tariffs
DEU Energiesystemökonomie
DSY Energiewirtschaft

power system faults
BT electrical faults
power systems
NT power distribution faults
power generation faults
power transmission faults
UF *power interruption / power system faults + power system reliability*
SY *power system disturbances*
PT electrical faults
power systems
RT fault diagnosis
fault location
power system reliability
DEU Energiesystemfehler
DSY Stromsystemfehler

power system harmonics
BT harmonics
power systems
NT power conversion harmonics
PT harmonics
power systems
RT EMTP (Electromagnetic Transients Program)
harmonic distortion

harmonics suppression
power filters
power harmonic filters
DEU Energienetzoberschwingung

power system identification
BT identification
power systems
NT power system parameter estimation
power system state estimation
PT identification
power system control
power systems
RT power system analysis computing
power system control
power system stability
DEU Energiesystemidentifikation
DSY Stromsystemidentifikation

power system interconnection
BT interconnected systems
power systems
SY *interconnected power systems*
RT interconnections
load regulation
power grids
power station load
transmission networks
DEU Verbundnetz (Energienetz)
DSY Verbundnetz (Stromnetz)

power system management
BT power systems
NT load shedding
RT electricity supply industry
power engineering computing
power system control
power system economics
power system planning
DEU Energiesystemmanagement
DSY Stromsystemmanagement

power system measurement
BT measurement
power systems
NT phasor measurement
UF *flickermeters / power supply quality + power system measurement + voltage measurement*
SY *power system monitoring*
WAMS
wide area measurement systems
RT automatic meter reading
electric variables measurement
power consumption
power measurement
smart meters
smart power grids
DEU Energiesystemmessung
DSY Stromsystemmessung

power system modelling
USE power system simulation

power system monitoring
USE power system measurement

power system parameter estimation
BT parameter estimation
power system identification
PT parameter estimation
power systems
RT power system control
power system stability
power system state estimation
DEU Schätzung von Energiesystemparametern
DSY Schätzung von Stromsystemparametern

power system planning
BT planning
power systems
NT power distribution planning
power generation planning
power transmission planning
PT power systems
RT electricity supply industry
insulation co-ordination
power system economics
power system management
DEU Energienetzplanung
DSY Netzplanung
Stromnetzplanung

power system protection
BT power systems
protection
NT power distribution protection
power generation protection
power transmission protection
RT arresters
current limiters
divertors
fault current limiters
lightning protection
machine protection
overcurrent protection
overvoltage protection
power system dynamic stability
power system relaying
power system security
power system stability
power system transient stability

relay protection
substation protection
superconducting fault current limiters
switchgear protection
transformer protection
DEU Energienetzschutz
DSY Stromnetzschutz

power system relaying
BT power systems
PT power system protection
relay protection
RT power system protection
relay protection
DEU Stromsystemschaltung

power system reliability
BT power systems
reliability
NT power distribution reliability
power generation reliability
power transmission reliability
SY *power blackouts*
power brownouts
UF *power interruption / power system faults* + *power system reliability*
SY *power outages*
PT power systems
reliability
RT power system faults
DEU Energienetzzuverlässigkeit
DSY Stromnetzzuverlässigkeit

power system restoration
BT power systems
PT power systems
RT power system control
power system dynamic stability
power system stability
power system transient stability
DEU Energienetzerneuerung
DSY Stromnetzerneuerung

power system security
BT power systems
security
PT power system control
power system protection
RT power system control
power system protection
DEU Energienetzsicherheit
DSY Energiesystemsicherheit
Stromnetzsicherheit
Stromsystemsicherheit

power system simulation
BT power system analysis computing
simulation
SY *power system modelling*
PT digital simulation
power system analysis computing
RT load forecasting
power system CAD
DEU Energienetzsimulation
DSY Netzsimulation
Stromnetzsimulation

power system stabilisers
USE power system stability

power system stability
BT power systems
stability
NT power system dynamic stability
power system transient stability
SY *power system stabilisers*
PT power systems
stability
RT EMTP (Electromagnetic Transients Program)
power system control
power system identification
power system parameter estimation
power system protection
power system restoration
power system transients
subsynchronous resonance
DEU Energienetzstabilität
DSY Netzstabilität (Energienetz)
Stromnetzstabilität

power system state estimation
BT power system identification
state estimation
PT power systems
state estimation
RT power system control
power system parameter estimation
DEU Energiesystemzustandserkennung
DSY Stromsystemzustandserkennung

power system transient stability
BT power system stability
power system transients
PT power system stability
power system transients
RT power system control
power system protection
power system restoration
subsynchronous resonance
DEU Energiesystemstabilität

DSY Energiesystemtransientenstabilität

power system transients
BT power systems
transients
NT power system transient stability
switching transients
PT power systems
transients
RT EMTP (Electromagnetic Transients Program)
power system stability
surges
DEU Energienetztransiente
DSY Stromnetztransiente

power systems
NT aircraft power systems
hybrid power systems
hydrothermal power systems
industrial power systems
marine power systems
photovoltaic power systems
power grids
power system analysis computing
power system CAD
power system control
power system economics
power system faults
power system harmonics
power system identification
power system interconnection
power system management
power system measurement
power system planning
power system protection
power system relaying
power system reliability
power system restoration
power system security
power system stability
power system transients
total energy systems
RT demand side management
distribution networks
electric generators
insulators
load dispatching
load management
load regulation
power cables
power engineering
power engineering computing
power engineering education
power transmission
reactive power
subsynchronous resonance
supports
tariffs
transmission networks
DEU Elektroenergiesystem
DSY Stromversorgungssystem

power trading
USE power markets

power transformer insulation
BT power transformers
transformer insulation
PT power transformers
transformer insulation
RT gas insulated transformers
transformer oil
DEU Leistungsumformerisolation
DSY Leistungsumformerisolierung
Leistungtransformatorisolation
Leistungtransformatorisolierung

power transformer protection
BT power transformers
transformer protection
PT power transformers
transformer protection
DEU Leistungstransistorabsicherung
DSY Leistungstransistorschutz

power transformer testing
BT power transformers
transformer testing
PT power transformers
transformer testing
DEU Leistungstransistorprüfung
DSY Leistungstransistortest

power transformers
BT power inductors
transformers
NT autotransformers
on load tap changers
power transformer insulation
power transformer protection
power transformer testing
PT power inductors
transformers
RT ferroresonance
superconducting transformers
DEU Leistungstransformator

power transistors
BT power semiconductor devices
transistors
NT microwave power transistors
millimetre wave power transistors
power bipolar transistors
power field effect transistors
PT bipolar transistors
field effect transistors

transistors
RT insulated gate bipolar transistors
power integrated circuits
power semiconductor switches
DEU Leistungstransistor

power transmission
BT transmission
NT DC power transmission
flexible AC transmission systems
inductive power transmission
laser power transmission
microwave power transmission
radiofrequency power transmission
transmission networks
RT conductors (electric)
power distribution
power markets
power overhead lines
power supply quality
power systems
rectifiers
substations
switchgear
DEU Energieübertragung
DSY Stromübertragung

power transmission (mechanical)
BT machine components
mechanical engineering
NT torque convertors
UF *continuously variable transmission / power transmission (mechanical) + variable speed gear*
SY *powertrain*
RT axles
belts
cams (mechanical)
chains
clutches
drives
engines
gears
shafts
universal joints
DEU Kraftübertragung (mechanisch)

power transmission by laser beam
USE laser power transmission

power transmission control
BT power system control
transmission networks
PT power system control
power transmission
RT load flow control
load regulation
power distribution control
DEU Energienetzregelung
DSY Energienetzsteuerung
Energieübertragungsregelung
Energieübertragungssteuerung
Stromnetzregelung
Stromnetzsteuerung
Stromübertragungsregelung
Stromübertragungssteuerung

power transmission economics
BT power system economics
transmission networks
PT economics
power transmission
RT power transmission planning
tariffs
DEU Energieübertragungswirtschaft

power transmission faults
BT power system faults
transmission networks
PT electrical faults
power transmission
RT fault diagnosis
fault location
power transmission reliability
DEU Energieübertragungsfehler
DSY Stromübertragungsfehler

power transmission line carrier systems
USE carrier transmission on power lines

power transmission lines
BT transmission lines
NT gas insulated transmission lines
power overhead lines
PT overhead lines
transmission networks
RT flexible AC transmission systems
multiconductor transmission lines
power cables
power distribution lines
superconducting transmission lines
DEU Energieübertragungsleitung
DSY Stromübertragungsleitung

power transmission networks
USE transmission networks

power transmission planning
BT power system planning
transmission networks
PT power system planning
power transmission
RT power transmission economics
DEU Energieübertragungsplanung

DSY Stromübertragungsplanung

power transmission protection
BT power system protection
transmission networks
PT power system protection
power transmission
RT lightning protection
overcurrent protection
overvoltage protection
relay protection
DEU Energieübertragungsschutz
DSY Stromübertragungsschutz

power transmission reliability
BT power system reliability
transmission networks
PT power system reliability
power transmission
RT power transmission faults
DEU Energieübertragungszuverlässigkeit
DSY Stromübertragungszuverlässigkeit

power utilisation
SY *power utilization*
RT air conditioning
domestic appliances
drives
electric fences
energy conservation
energy consumption
heating
lamps
lighting
measurement
metering
power consumption
refrigeration
traction
DEU Energienutzung
DSY Energieverwendung
Stromnutzung
Stromverwendung

power utilization
USE power utilisation

power wheeling
USE power markets

powertrain
USE power transmission (mechanical)

Poynting-Robertson effect
USE radiation pressure

PPP calculations
BT orbital calculations
SY *Pariser-Parr-Pople calculations*
PT molecular orbitals calculations
orbital calculation methods
DEU PPP-Berechnung
DSY PPP-Kalkulation

PPP-Berechnung
DEU for PPP calculations

PPP-Kalkulation
DUS für PPP calculations

Pr (chemical element)
USE praseodymium
DEU Pr (chemisches Element)

Pr (chemisches Element)
DEU for Pr (chemical element)

Prädiktivregelung
DEU for predictive control

Prägepolieren
DUS für burnishing

Prägepresse
DUS für presses

Präionisation
DUS für preionisation

Präkodierung
DEU for precoding

Präsentationsgrafik
DUS für presentation graphics

präventive Instandhaltung
DUS für preventive maintenance

präventive Wartung
DUS für preventive maintenance

Präzipitation (Werkstofftechnik)
DUS für precipitation

Präzisionsmessgerät
DUS für gyroscopes

pragmatics (programming languages)
USE computational linguistics

PRAM
USE concurrency theory

Praseodym
DEU for praseodymium

praseodymium
BT rare earth metals
SY *Pr (chemical element)*
RT praseodymium alloys
praseodymium compounds
DEU Praseodym

praseodymium alloys
BT rare earth alloys
PT rare earth alloys
RT praseodymium
praseodymium compounds
DEU Praseodymlegierung

praseodymium compounds
BT rare earth compounds
RT praseodymium
praseodymium alloys
DEU Praseodymverbindung

Praseodymlegierung
DEU for praseodymium alloys

Praseodymverbindung
DEU for praseodymium compounds

PRDDO calculations
USE NDO calculations

pre-main-sequence stars
BT variable stars
SY *antiflare stars*
UF *Becklin-Neugebauer objects / infrared sources (astronomical) + pre-main-sequence stars + radiosources (astronomical)*
UF *cometary nebulae / nebulae + pre-main-sequence stars*
SY *FU Ori stars*
fuors
UF *Gyulbudagian-Glushkov-Denisyuk objects / nebulae + pre-main-sequence stars + ultraviolet sources (astronomical)*
UF *Gyulbudagian-Magakian objects / nebulae + pre-main-sequence stars + ultraviolet sources (astronomical)*
SY *Herbig Ae/Be stars*
UF *Herbig-Haro objects / nebulae + pre-main-sequence stars*
SY *nebular variables*
NX Mon stars
Orion Population stars
protostars
RW Aur stars
T Ori stars
T Tau stars
YY Ori stars
PT variable stars
RT star formation
DEU Vor-Mittel-Folge-Stern

pre-stressed concrete
USE reinforced concrete

preamplifiers
BT amplifiers
PT amplifiers
RT audio-frequency amplifiers
DEU Vorverstärker

precession, Earth
USE Earth rotation

precipitation
NT Guinier-Preston zones
UF *grain boundary precipitation / grain boundary segregation + precipitation*
RT ageing
crystal microstructure
crystallisation
decomposition
metallurgy
solid-state phase transformations
Widmanstatten structure
DEU Ausfällung
DSY Ausscheidung (Werkstofftechnik)
Fällung
Präzipitation (Werkstofftechnik)

precipitation (atmospheric)
USE atmospheric precipitation

precipitation (physical chemistry)
BT physical chemistry
UF *electrostatic precipitation / electrostatic precipitators + precipitation (physical chemistry)*
SY *Liesegang patterns*
UF *precipitation, electrostatic / electrostatic precipitators + precipitation (physical chemistry)*
PT electrostatic precipitation
physical chemistry
RT crystal growth from solution
crystallisation
DEU Abscheidung (physikalische Chemie)
DSY Ausfällung (physikalische Chemie)
Fällung (physikalische Chemie)

precipitation ageing
USE precipitation hardening

precipitation annealing
USE precipitation hardening

precipitation hardening
BT dispersion hardening
SY *age hardening*
precipitation ageing
precipitation annealing
PT dispersion hardening
precipitation
RT ageing
transformation toughening
DEU Ausscheidungshärten

precipitation, electrostatic
USE electrostatic precipitators
+ precipitation (physical chemistry)

precision engineering
BT engineering
RT industrial engineering
mechanical engineering
DEU Feinwerktechnik

Precodierung
DUS für precoding

precoding
BT encoding (general)
PT encoding (general)
RT channel coding
fading channels
MIMO systems
OFDM modulation
DEU Präkodierung
DSY Precodierung
Vorcodierung
Vorkodierung

precompound nucleus emission
BT statistical models (nuclear)
PT statistical theory of nuclear reactions and scattering
DEU Vorverbundkernemission

predator-prey models
USE predator-prey systems

predator-prey systems
BT biology
SY *predator-prey models*
RT bifurcation
biocybernetics
chaos
ecology
evolution (biological)
game theory
nonlinear dynamical systems
stability
DEU Prediger-Predigt-System

prediction theory
BT information theory
NT linear predictive coding
PT filtering and prediction theory
RT active noise control
autoregressive moving average processes
autoregressive processes
discrete cosine transforms
filtering theory
random processes
state estimation
time-frequency analysis
Walsh functions
wavelet transforms
DEU Vorbestimmungstheorie

predictive control
BT control theory
SY *preview control*
RT information theory
optimal control
DEU Prädiktivregelung

predictor-corrector methods
BT numerical analysis
NT Runge-Kutta methods
PT differential equations
numerical methods
RT integration
iterative methods
DEU Vorhersage-Korrektur-Methode

Prediger-Predigt-System
DEU for predator-prey systems

predissociation
BT dissociation
SY *molecular predissociation*
PT molecular predissociation
RT photodissociation
DEU Vordissoziation
DSY Vortrennung

prefabricated buildings
USE prefabricated construction

prefabricated construction
BT construction
SY *prefabricated buildings*
PT building
RT Fotovoltaikbuilding

modular construction
prefabricated construction components
DEU Fertigbau
DSY vorgefertiges Bauwerk

prefabricated construction components
BT construction components
RT prefabricated construction
DEU vorgefertigtes Bauelement
DSY vorgefertigtes Bauteil

preferred orientation
USE texture
DEU bevorzugte Orientierung

prefetching
USE storage management

Preform
DEU for preforms

preforms
BT manufacturing processes
materials preparation
RT melt infiltration
optical fibre fabrication
DEU Preform
DSY Vorform

pregnancy
USE obstetrics

preionisation
BT ionisation
SY *preionization*
RT Auger effect
autoionisation
photoionisation
DEU Vorionisation
DSY Präionisation

preionization
USE preionisation

Preisbildung
DUS für pricing

Preisfindung
DEU for pricing

prejudicial factors
BT socio-economic effects
NT equal opportunities
gender issues
SY *racial stereotyping*
racism
RT age issues
ethical aspects
DEU juristischer Faktor
DSY rechtlicher Faktor
rechtliches Problem
Rechtsfaktor
Rechtsprobelm

premises cabling
USE building wiring

Preparieren einer biologischen Probe
DUS für biological specimen preparation

Preparieren eines biologischen Musters
DUS für biological specimen preparation

preprocessors
USE program processors

prescalers
BT scaling circuits
PT scaling circuits
RT digital integrated circuits
frequency synthesizers
DEU Frequenzverteiler
DSY Frequenzvorverteiler
Vorteiler
Vorverteiler

presentation graphics
USE business graphics
DSY Präsentationsgrafik

presentation, technical
USE technical presentation

preservatives
BT chemical products
manufactured products
production materials
UF *food preservatives / food preservation + preservatives*
RT food additives
food preservation
wood processing
DEU Konservierungsmittel

presintering
USE sintering

press fitting
BT fitting (assembly)
DEU Presspassung
DSY Einpresskopf
Kaltpresspassung
Pressfitting
Pressfittingelement

Pressmontage
Pressverbindung
Pressverbund

Pressdruck
DUS für pressure

Presse (Maschine)
DEU for presses

Presse (Vorrichtung)
DUS für presses

Pressen
DEU for pressing

Pressen (Ausdrücken)
DUS für pressing

Pressen (Durchdrücken)
DUS für pressing

Pressen der Spitzennadel
DUS für pressing

Pressen in halbtrockenem Zustand
DUS für pressing

Pressen von Glas
DUS für pressing

presses
BT machine tools
PT machine tools
RT dies (machine tools)
hammers (machines)
pressing
DEU Presse (Maschine)
DSY Abgratpresse
Ballenpresse
Bandfilterpresse
Bandpresse
Biegepresse
Brikettierpresse
Bügelpresse
Duroplastpresse
Einständerpresse
Entwässerungspresse
Exzenterpresse
Feinstanzpresse
Fließdruckpresse
Formpresse
Formstahlbiegepresse
Formteilpressautomat
Gesenkbiegepresse
Gesenkschmiedepresse
Granulierpresse
Großteilepresse
Gummikissenziehpresse
Hochdruckpresse
Hochgeschwindigkeitspresse
hydraulische Lochpresse
hydraulische Mehrzweckpresse
hydraulische Presse
hydraulische Revolverpresse
hydraulische Ziehpresse
Kalibriermaschine
Keilpresse
Kniehebelpresse
Kugelpresse
Kurbelpresse
Kurbelwellenrichtpresse
Leimpresse
mechanische Presse
Mehrstufenpresse
Münzprägepresse
Muldenpresse
Öldosenpresse
Offsetdruckmaschine
Pelletiermaschine
Perforierpresse
pneumatische Presse
Prägepresse
Presse (Vorrichtung)
Quertransportpresse
Rakeltiefdruckmaschine
Reibspindelpresse
Reifenabdrückpresse
Revolverpresse
Richtpresse
Rohrpressanlage (Metall)
Säulenpresse
Saugpresse
Schlagpresse
Schlauchpresse
Schmiedepresse
Schmierpresse
Schneidpresse
Schrottpresse
Schwenkbiegemaschine
Sinterpresse
Spindelpresse
Stanzautomat
Stanzpresse
Stauchpresse
Strangpresse
Strangpresse (Metall)
Streckziehpresse
Stufenpresse
Tablettenpresse
Tiefziehpresse
Tischpresse
Tubenpresse
Tuschierpresse
Viersäulenpresse
Vulkanisierpresse

Warmpresse
Warmziehpresse
Wellenrichtpresse
Zweisäulenpresse
Zweiständerpresse

Pressfitting
DUS für press fitting

Pressfittingelement
DUS für press fitting

Pressformausrüstung
DUS für moulding equipment

Pressformen
DEU for moulding

Pressgießausrüstung
DUS für moulding equipment

pressing
BT forming processes
materials preparation
NT hot pressing
RT presses
DEU Pressen
DSY Abfallpressen
automatisches Pressen
Ballenpressen
Blechumformen
Bügelpressen
ECAE-Pressen
Flachpressen
heißisostatisches Pressen
Hydroumformen
isostatisches Pressen
isothermes Gesenkformen
Kaltpressen
keramisches Strangpressen
Nachpressen
Permanent-Heißpressen
plastisches Pressen
Pressen (Ausdrücken)
Pressen (Durchdrücken)
Pressen der Spitzennadel
Pressen in halbtrockenem Zustand
Pressen von Glas
Pressmasse
Pressverfahren (Laminat)
Reaktionspressen
Schlagen (Pressen)
Spanstauchung
Stauchen
Trockenpressen
Vakuumheißpressen
Vakuumpressen
Vorpressverfahren

Pressmasse
DUS für pressing

Pressmontage
DUS für press fitting

Presspassung
DEU for press fitting

pressure
NT atmospheric pressure
plasma pressure
radiation pressure
vapour pressure
RT biological effects of pressure
pressure control
pressure measurement
pressure vessels
weighing
DEU Druck (Physik)
DSY Abgasgegendruck
Absolutdruck
adiabatischer Druck
Anpressdruck
Ansaugdruck
Ansaugluftdruck
Augeninnendruck
Außendruck
Berstdruck
Betriebsdruck
Blutdruck
Bodendruck
Bremsdruck
Differenzdruck
Druck (Mechanik)
Einspritzdruck
Einspritzdüsenöffnungsdruck
Explosionsdruck
Federdruck
Felsdruck
ferrostatischer Druck
Flanschdruck
Förderdruck
Gasdruck
Gegendruck
Gesamtdruck
Gleichdruck
Gleitdruck
Hochdruck (Mechanik)
hydrostatischer Druck
Innendruck
Innendruckversuch
Innenhochdruck
intrakranieller Druck
Kapillardruck
Keildruck
Klemmliniendruck

Kohlendioxidpartialdruck
Kompressionsdruck
Kondensatordruck
Kraftstoffdampf
kritischer Druck
Kühlmitteldruck
Ladedruck
Luftdruck
Luftspeicher (Konstantdruck)
maximaler effektiver Mitteldruck
Mikrowellendruck
Mitteldruck
Motordruck
Niederdruck
Öldruck
osmotischer Druck
Partialdruck
Porendruck
Pressdruck
Propellerdruckimpuls
Pulsdruck
Reifendruckwächter
Reifenluftdruck
Sättigungsdampfdruck
Sauerstoffpartialdruck
Schalldruck
Schmierstoffdruck
Schweißdruck
Speicherdruck
Spitzendruck
statischer Druck
Staudruck
Steuerdruck
Tiefziehen
Überdruck
überkritischer Druck
überkritisches Druckverhältnis
Unterdruck
Ventrikeldruck
Verbrennungsdruck
Verbrennungsspitzendruck
Verdichterdruck
Vorspanndruck
Walzdruckverteilung
Wasserdruck

pressure control
BT mechanical variables control
NT vacuum control
RT pressure
pressure measurement
pressure sensors
DEU Druckkontrolle
DSY Druckregelung
Drucksteuerung

pressure gauges
BT gauges
PT pressure transducers
RT pressure sensors
pressure transducers
strain gauges
DEU Druckmesser
DSY Drucksensor

pressure measurement
BT mechanical variables measurement
NT blood pressure measurement
vacuum measurement
vapour pressure measurement
RT anemometers
anemometry
barometers
ionisation gauges
manometers
pressure
pressure control
pressure sensors
pressure transducers
transducers
vacuum gauges
DEU Druckmessung
DSY Differenzdruckmessung
Liquordruckmessung
Luftdruckmessung
physiologische Druckmessung
Ventrikeldruckmessung

pressure sensors
BT sensors
PT pressure transducers
RT electric sensing devices
fibre optic sensors
force sensors
micromechanical devices
micromechanical resonators
piezoresistive devices
pressure control
pressure gauges
pressure measurement
pressure transducers
strain sensors
DEU Drucksensor
DSY Ansaugluftdrucksensor
Blutdrucksensor
Differenzdrucksensor
Gasdrucksensor
Öldruckschalter
Partialdrucksensor

pressure sintering
USE sintering

pressure transducers
BT instruments
transducers
PT transducers
RT piezoelectric transducers
pressure gauges
pressure measurement
pressure sensors
tactile sensors
DEU Druckwandler
DSY Differentialdruck-Wandler
Differenzdruckaufnehmer
Differenzdruckwandler
Druck-Signalwandler
Druckaufnehmer
Druckdifferenz-Messwertgeber
Druckmessaufnehmer
Druckmessumformer
Druckmesswandler
Drucküberträger
Druckumformer
Hydraulikdruckgeber
Polymer-Druck-Messumformer
Wirkdruck-Messumformer

pressure vessels
BT mechanical products
PT concrete
high-pressure techniques
mechanical engineering
pressure
steel
RT concrete
fission reactors
high-pressure techniques
mechanical engineering
nuclear reactors
pressure
steel
DEU Druckbehälter
DSY Druckbehälterausfall
Druckbehälterrichtlinie
Sperrdruckbehälter

pressure, atmospheric
USE atmospheric pressure

Pressverbindung
DUS für press fitting

Pressverbund
DUS für press fitting

Pressverfahren (Laminat)
DUS für pressing

Prestel
USE viewdata

prestressed concrete
USE reinforced concrete

preventive maintenance
BT maintenance engineering
PT maintenance engineering
RT accident prevention
reliability
DEU vorbeugende Instandhaltung
DSY planmäßige Instandhaltung
planmäßige vorbeugende Instandhaltung
präventive Instandhaltung
präventive Wartung
vorausschauende Wartung
vorbeugende Unterhaltung
vorbeugende Wartung
Vorsorge-Instandhaltung
Vorsorge-Instandhaltungsprogramm
Vorsorge-Wartung
Vorsorgeinstandhaltung
vorsorgende Instandhaltung
vorsorgende Wartung
vorsorgliche Wartung

preview control
USE predictive control

pricing
BT costing
NT road pricing (tolls)
PT costing
RT financial management
marketing
tariffs
DEU Preisfindung
DSY Auspreisung
Preisbildung

Primärbatterie
DEU for primary cells

primäre kosmische Strahlung
DEU for primary cosmic rays

Primärzelle
DUS für primary cells

primary cells
BT cells (electric)
UF *batteries / cells (electric) + primary cells + secondary cells*

RT battery charge measurement
battery testers
DEU Primärbatterie
DSY Primärzelle

primary cosmic radiation
USE primary cosmic rays

primary cosmic rays
BT cosmic rays
NT galactic cosmic rays
solar cosmic ray particles
SY *primary cosmic radiation*
DEU primäre kosmische Strahlung

Prime computers
BT digital computers
PT digital computers
RT mainframes
microcomputers
minicomputers
DEU Prime-Computer

Prime-Computer
DEU for Prime computers

primordial atmosphere
USE terrestrial atmosphere

principal component analysis
BT statistical analysis
SY *PCA*
PT statistical analysis
RT blind source separation
feature extraction
independent component analysis
operations research
statistical process control
DEU Hauptkomponentenanalyse

printed antennas
USE microstrip antennas

printed circuit accessories
SY *PCB accessories*
PT printed circuits
RT electric connectors
optical backplanes
printed circuit manufacture
printed circuits
DEU Zubehör für gedruckte Schaltung

printed circuit boards
USE printed circuits

printed circuit design
BT design
network synthesis
NT printed circuit layout
SY *PCB design*
PT printed circuits
RT circuit optimisation
design engineering
design for environment
design for manufacture
design for testability
electronic design automation
printed circuit manufacture
printed circuit testing
printed circuits
DEU Design gedruckter Schaltungen

printed circuit fabrication
USE printed circuit manufacture

printed circuit interconnections
BT interconnections
UF *circuit power distribution / integrated circuit interconnections + interconnections + printed circuit interconnections*
UF *power distribution (circuits) / integrated circuit interconnections + interconnections + printed circuit interconnections*
SY *printed circuit power distribution*
PT interconnections
RT printed circuits
radiofrequency interconnections
vias
DEU Verbindung gedruckter Schaltungen

printed circuit layout
BT circuit layout
printed circuit design
SY *PCB layout*
PT circuit layout CAD
circuit layout
printed circuit design
RT circuit layout CAD
printed circuit testing
DEU Gestaltung gedruckter Schaltungen
DSY Layout gedruckter Schaltungen
Schaltkreisgestaltung
Schaltkreislayout

printed circuit manufacture
BT electronic equipment manufacture
SY *PCB manufacture*
printed circuit fabrication
PT electronic equipment manufacture

printed circuits
RT adhesives
assembling
ball grid arrays
chip scale packaging
chip-on-board packaging
conductive adhesives
design for manufacture
fine-pitch technology
printed circuit accessories
printed circuit design
printed circuit testing
printed circuits
reflow soldering
surface cleaning
surface mount technology
tape automated bonding
ultrasonic cleaning
wave soldering
DEU Fertigung gedruckter Leiterplatten
DSY Herstellung gedruckter Leiterplatten
Leiterplattenfertigung
Leiterplattenherstellung

printed circuit motors
BT electric motors
RT printed circuits
DEU gedruckte Motorschaltung
DSY gedruckter Motor
gedrucktor Motorschaltkreis

printed circuit power distribution
USE printed circuit interconnections

printed circuit testing
BT circuit testing
UF *in-circuit testing / integrated circuit testing + printed circuit testing*
SY *PCB testing*
PT electronic equipment testing
printed circuits
RT automatic optical inspection
boundary scan testing
built-in self test
design for testability
printed circuit design
printed circuit layout
printed circuit manufacture
printed circuits
DEU Leiterplattenprüfung
DSY Prüfung gedruckter Schaltungen

printed circuits
BT networks (circuits)
NT add-on boards
SY *circuit cards*
MLB
multilayer boards
multiwiring
PCB
printed circuit boards
printed wiring boards
PWB
RT conformal coatings
electronics packaging
etching
flexible electronics
lithography
photolithography
photoresists
printed circuit accessories
printed circuit design
printed circuit interconnections
printed circuit manufacture
printed circuit motors
printed circuit testing
resists
substrate integrated waveguides
surface mount technology
wiring
DEU gedruckte Schaltung

printed wiring boards
USE printed circuits

printers
BT computer peripheral equipment
NT daisy wheel printers
ink jet printers
ion deposition printers
laser printers
LCS printers
LED printers
matrix printers
thermal printers
SY *computer printers*
RT plotters
printing
recorders
DEU Drucker (Gerät)

printing
NT digital printing
ink jet printing
three-dimensional printing
typesetting
RT etching
ink
photography
printers
printing industry
printing machinery
recording
reproduction (copying)
DEU Drucken (Bedrucken)

printing industry
BT industries
PT printing
RT ink
printing
printing machinery
typesetting
DEU Druckindustrie

printing machinery
BT machinery
SY *printing presses*
PT printing industry
printing
RT printing
printing industry
DEU Druckmaschine

printing presses
USE printing machinery

prismatic dislocations
DEU prismatische Fehlanordnung

prismatische Fehlanordnung
DEU for prismatic dislocations

prisms (optical)
USE optical prisms

privacy of data
USE data privacy

Privat-Key-Kryptografie
DUS für private key cryptography

Privat-Key-Kryptographie
DUS für private key cryptography

Privatcomputernutzung am Arbeitsplatz
DEU for Bring Your Own Device

private Computeranwendung
DUS für home computing

private key cryptography
BT cryptography
SY *secret key cryptography*
PT cryptography
RT codes
message authentication
public key cryptography
DEU asymmetrische Kryptografie
DSY asymmetrische Kryptographie
Privat-Key-Kryptografie
Privat-Key-Kryptographie

private Rechneranwendung
DUS für home computing

private telephone exchanges
BT telephone exchanges
SY *PABX*
PBX
RT telecommunication exchanges
DEU privater Telefonaustausch

privater Telefonaustausch
DEU for private telephone exchanges

privatisation
BT macroeconomics
NT electricity supply industry
deregulation
SY *privatization*
RT government policies
industrial economics
legislation
DEU Privatisierung

Privatisierung
DEU for privatisation

privatization
USE privatisation

PRMA
USE packet reservation multiple access

PRMA (Packet Reservation Multiple Access)
DUS für packet reservation multiple access

probabilistic automata
BT automata theory
PT automata theory
RT cellular automata
finite automata
hidden Markov models
probabilistic logic
stochastic automata
DEU Wahrscheinlichkeits-Automat
DSY Wahrscheinlichkeitsautomat

probabilistic logic
BT formal logic
SY *conditional logic*
RT automata theory
fuzzy logic
logic circuits
probabilistic automata
probability
DEU Wahrscheinlichkeitslogik

probabilistic reasoning
USE inference mechanisms
+ uncertainty handling

probability
BT mathematics
NT Bayes methods
statistical distributions
RT expectation-maximisation algorithm
game theory
heuristic programming
importance sampling
information theory
maximum likelihood estimation
Monte Carlo methods
operations research
particle filtering (numerical methods)
possibility theory
probabilistic logic
queueing theory
random functions
random processes
sampling methods
scheduling
statistical analysis
statistical testing
statistics
stochastic processes
DEU Wahrscheinlichkeit

Probe
DUS für testing

Probenaufbereitung
DEU for sample preparation

Probenbedeutung
DEU for importance sampling

Probengewichtung
DUS für importance sampling

Probenhalter
DEU for sample holders

Probenvorbereitung
DEU for specimen preparation

Probenwichtigkeit
DUS für importance sampling

probes
NT electron probes
muon probes
plasma probes
RT microelectrodes
DEU Sonde

problem oriented languages
USE high level languages

problem solving
NT backward chaining
divide and conquer methods
forward chaining
PT artificial intelligence
RT artificial intelligence
backtracking
theorem proving
DEU Problemlösung

Problemlösung
DEU for problem solving

procedure libraries
USE software libraries

procedure oriented languages
USE high level languages

process algebra
BT algebra
formal logic
NT calculus of communicating systems
communicating sequential processes
lambda calculus
pi calculus
refinement calculus
relational algebra
UF *computer algebra / process algebra + symbol manipulation*
SY *programming calculi*
PT formal logic
RT concurrency theory
reasoning about programs
DEU Prozessalgebra

process capability analysis
BT process design
SY *process capability index*
PT quality control
statistical process control
RT process planning
quality control
statistical process control
DEU Prozessresourcenanalyse

process capability index
USE process capability analysis

process computer control
USE process control

process computers
BT special purpose computers
PT special purpose computers
RT computerised control
control engineering computing
process control
DEU Prozessrechner

process control
BT industrial control
NT direct digital control
statistical process control
SY *computerised process control*
process computer control
RT bleaching (materials processing)
cascade control
centralised control
chemical reactors
computer integrated manufacturing
continuous production
cybernetics
distributed control
feedforward
multivariable control systems
numerical control
process computers
process design
process heating
process monitoring
process planning
production control
programmed control
recorders
DEU Prozesssteuerung

process design
BT design
NT process capability analysis
PT process control
RT chemical engineering
process control
process planning
product design
DEU Prozessentwicklung
DSY Przessentwurf

process heating
BT heating
PT electric heating
RT arc furnaces
boilers
dielectric heating
electric heating
induction heating
process control
resistance heating
DEU Prozesserwärmung

process monitoring
BT monitoring
PT computerised monitoring
monitoring
process control
RT computerised monitoring
condition monitoring
process control
DEU Prozessüberwachung

process planning
BT planning
production management
NT cause-effect analysis
PT process control
RT process capability analysis
process control
process design
production planning
DEU Prozessplanung

process-oriented simulation
USE discrete event simulation

processor scheduling
BT distributed processing
scheduling
SY *multiprocessor scheduling*
PT distributed processing
scheduling
RT adaptive scheduling
dynamic scheduling
resource allocation
synchronisation
DEU Prozessorzuteilung
DSY Ablaufplanung im Multiprozessor-System
Aufgabenverteilung im Mehrprozessorsystem
Job-Prozessor-Scheduling
Jobmanagement im Multiprozessorsystem
Mehrprozessor-Scheduling-Problem
Mehrprozessor-Steuertechnik
Mehrprozessorplanung
Mehrprozessorscheduling-Algorithmus
Mehrprozessorsteuerung
Mehrprozessorzuteilung
Multiprozessor-Ablaufplanung
Multiprozessor-Jobsteuerung
Multiprozessor-Scheduling
Multiprozessor-Scheduling-Algorithmen

Multiprozessor-Zeitplanungsproblem
Parallelprozessor-Ablaufproblem
Parallelprozessor-Scheduling
Parallelprozessor-Zeitplanung
Proportional-Share-Multiprozessor-Scheduling
Prozessorzuteilung in Mehrprozessoranlage
Prozessorzuweisung im Mehrprozessorsystem
Scheduler für Echtzeitsystem
Scheduling-Heuristiken für Multiprozessorsystem
Steuerungsalgorithmen für Multiprozessor
Zuteilung von Prozessoren im Mehrprozessorbetrieb

processors (program)
USE program processors

Procopiu effect
PT magnetoelectric effects
magnetomechanical effects
RT electromagnetism
DEU Procopiu-Effekt

Procopiu-Effekt
DEU for Procopiu effect

procurement
BT supply chain management
RT contracts
logistics
purchasing
supply chains
DEU Beschaffungswesen

producer gas
USE syngas

product codes
BT codes
PT codes
error correction codes
RT binary codes
block codes
concatenated codes
decoding
error correction codes
error detection codes
linear codes
DEU Produktcode
DSY Strichcode

product control
USE production control
\+ quality control

product customisation
BT product development
SY *customisation, product*
UF *mass customisation / mass production + product customisation*
UF *mass customization / mass production + product customisation*
SY *product customization*
PT manufactured products
product development
RT customer satisfaction
manufactured products
product design
DEU Produktbenutzeranpassung

product customization
USE product customisation

product data management
USE product life cycle management

product design
BT design
SY *usability testing*
PT product development
RT concurrent engineering
design for quality
group technology
manufactured products
process design
product customisation
product development
product life cycle management
product quality
prototypes
DEU Produktentwurf
DSY Produktgestaltung

product development
BT design engineering
NT product customisation
product life cycle management
product quality
software product lines
time to market
PT concurrent engineering
design engineering
RT concurrent engineering
industrial property
manufactured products
product design
quality function deployment

rapid prototyping (industrial)
research and development
Taguchi methods
virtual prototyping
DEU Produktentwicklung

product identification
USE identification technology

product liability
BT contracts
legislation
RT professional aspects
quality control
warranties
DEU Produkthaftung

product life cycle management
BT management
product development
SY *life cycle assessment*
product data management
PT product design
product development
RT life cycle costing
marketing
product design
value engineering
warranties
DEU Produktlebensdauermanagement
DSY Produktlebenslaufmanagement
Produktlebenszyklusmanagement

product quality
BT product development
quality management
RT design for quality
inspection
product design
quality assurance
quality control
reliability
DEU Produktqualität

production
NT assembling
group technology
manufacture
microfabrication
moulding equipment
production engineering
production equipment
production management
production materials
productivity
RT batch processing (industrial)
production control
production facilities
production testing
quality control
reliability
technology
DEU Produktion

production control
BT production management
NT continuous production
dynamic scheduling
flow shop scheduling
job shop scheduling
kanban
lot sizing
master production scheduling
optimised production technology
push-pull production
single machine scheduling
UF *product control / production control + quality control*
SY *production schedules*
UF *scheduling, production / production control + scheduling*
PT production
RT adaptive scheduling
assembly planning
cellular manufacturing
computer aided production planning
discrete event systems
group technology
just-in-time
manufacturing resources planning
order processing
process control
production
production engineering computing
production testing
programmed control
quality control
standardisation
standards
statistical process control
stock control
supply chain management
work in progress
DEU Fertigungssteuerung

production economics
USE industrial economics

production engineering
BT engineering
production
RT industrial engineering
inventory management
manufacturing processes
manufacturing systems

production engineering computing
production equipment
production management
production materials
DEU Betriebstechnik

production engineering computing
BT engineering computing
NT computer aided production planning
virtual manufacturing
PT engineering computing
production control
RT CAD/CAM
computer aided manufacturing
concurrent engineering
control engineering computing
design for manufacture
production control
production engineering
DEU CAM (Computer Aided Manufacturing)
DSY CAP (Computer Aided Production)
Computeranwendung in der Fertigungstechnik
fertigungstechnische Computeranwendung
fertigungstechnische Datenverarbeitung
fertigungstechnische Rechneranwendung
Rechneranwendung in der Fertigungstechnik

production equipment
BT production
NT applicators
bending machines
construction equipment
cutting tools
distillation equipment
finishing machines
fixtures
machine tools
mining equipment
moulding equipment
ozone generators
packaging machines
paper making machines
polishing machines
soldering equipment
textile machinery
welding equipment
work-holding devices
RT compressed air systems
cyclone separators
gears
machinery
materials handling equipment
production engineering
rollers (machinery)
shredding machines
tools
DEU Fertigungsausrüstung
DSY Fertigungstechnik
Produktionsausrüstung
Produktionstechnik

production facilities
BT facilities
NT bakeries
breweries
distilleries
foundries
industrial plants
machine shops
paper mills
refineries
wineries
SY *factories*
manufacturing facilities
RT facilities planning
manufacture
production
DEU Fertigungsanlage
DSY Fertigungsgebäude

production management
BT management
production
NT inventory management
just-in-time
lead time reduction
logistics
process planning
production control
production planning
PT production control
RT continuous improvement
continuous production
facilities planning
goods distribution
industrial engineering
lean production
mass production
production engineering
productivity
reverse logistics
supply chain management
tendering
waste management
work in progress
DEU Produktionsmanagement

production materials
BT materials
production
NT abrasives
aerospace materials
automotive materials
coolants
hydraulic fluids
inhibitors
ink
joining materials
lubricants
pigments
preservatives
propellants
retardants
RT additives
cast iron
chemical products
plasticisers
production engineering
renewable materials
DEU Fertigungsmaterial
DSY Fertigungswerkstoff
Produktionsmaterial
Produktionswerkstoff

production planning
BT planning
production management
NT aggregate planning
assembly planning
capacity planning (manufacturing)
computer aided production planning
demand forecasting
manufacturing resources planning
materials requirements planning
PT production control
RT enterprise resource planning
facilities planning
optimised production technology
process planning
DEU Fertigungsplanung

production schedules
USE production control

production systems (rules)
USE knowledge based systems

production testing
BT testing
RT boundary scan testing
environmental stress screening
production
production control
DEU Produktionsprüfung
DSY Produktionstest

productivity
BT production
SY *labour productivity*
RT human factors
incentive schemes
industrial psychology
personnel
production management
profitability
DEU Produktivität

Produkt (Erzeugnis)
DUS für manufactured products

Produktbenutzeranpassung
DEU for product customisation

Produktcode
DEU for product codes

Produkteinführungszeit
DEU for time to market

Produktentwicklung
DEU for product development

Produktentwurf
DEU for product design

Produktgestaltung
DUS für product design

Produkthaftung
DEU for product liability

Produktion
DEU for production

Produktion integrierter Schaltungen
DUS für integrated circuit manufacture

Produktion von Schallwellen
DUS für acoustic wave production

Produktionsausrüstung
DUS für production equipment

Produktionsdatenverarbeitung
DUS für manufacturing data processing

Produktionsmanagement
DEU for production management

Produktionsmanagementsoftware
DUS für workflow management software

Produktionsmaterial
DUS für production materials

Produktionsprozess
DUS für manufacturing processes

Produktionsprüfung
DEU for production testing

Produktionstechnik
DUS für production equipment

Produktionstest
DUS für production testing

Produktionswerkstoff
DUS für production materials

Produktivität
DEU for productivity

Produktlebensdauermanagement
DEU for product life cycle management

Produktlebenslaufmanagement
DUS für product life cycle management

Produktlebenszyklusmanagement
DUS für product life cycle management

Produktqualität
DEU for product quality

professional aspects
NT ethical aspects
professional communication
SY *liability, professional*
RT accreditation
certification
continuing professional development
legislation
personnel
product liability
qualifications
societies
teacher training
training
DEU beruflicher Aspekt

professional communication
BT professional aspects
NT public speaking
technical presentation
SY *professional networks*
PT technical presentation
DEU berufliche Kommunikation

professional networks
USE professional communication

professional societies
USE societies

professioneller Funk
DUS für radio applications

Profibus
USE field buses

profit sharing schemes
USE incentive schemes

Profitabilität
DEU for profitability

profitability
BT commerce
RT cost accounting
cost reduction
financial management
productivity
DEU Profitabilität
DSY Wirtschaftlichkeit

Progammierstandard
DEU for software standards

program analysis
USE program diagnostics

program assemblers
BT program processors
SY *assemblers (program)*
assembly programs
disassemblers
DEU Assembler (DV)
DSY Programmassembler
Programmübersetzer

program compilers
BT program processors
NT compiler generators
incremental compilers
optimising compilers
parallelising compilers
partial evaluation (compilers)
UF *abstract machines / finite automata + program compilers*
UF *branch prediction / computer architecture + program compilers*
SY *code generation*
compilers (program)
compiling programs
linkers, program
machine language generation

UF *parsing / grammars + program compilers*
SY *program linkers*
RT conformance testing
grammars
program diagnostics
programming environments
DEU Compiler

program control structures
BT programming
SY *control structures, program*
loops (programming)
recursion (programming)
RT data structures
program processors
DEU Programmsteuerungsstruktur

program correctness proving
USE program verification
\+ programming theory

program debugging
BT programming
SY *bugs, computing*
debugging, program
RT computer debugging
error handling
exception handling
program diagnostics
program testing
programming environments
software maintenance
DEU Debugging (Programmierung)
DSY Fehleranalyse (Programmierung)
Programmanalyse
Programmdebugging
Programmfehlerkorrektur
Programmfehlersuche

program development
USE software engineering

program diagnostics
BT system monitoring
NT data flow analysis
program slicing
SY *abstract interpretation*
diagnostics, program
program analysis
program profiling
program traceability
program tracing
static analysis (programs)
RT program compilers
program debugging
program testing
programming
reachability analysis
reverse engineering
DEU Programmdiagnostik

program documentation
USE system documentation

program editors
USE text editing

program generators
USE automatic programming

program interpreters
BT program processors
SY *interpreters (program)*
interpretive programs
program translators
translators (program)
RT compiler generators
optimising compilers
DEU Interpreter (DV)

program linkers
USE program compilers

program listings
USE complete computer programs

program loading techniques
USE data handling

program monitoring
USE system monitoring

program processors
BT systems software
NT program assemblers
program compilers
program interpreters
SY *preprocessors*
processors (program)
RT computer interfaces
computers
program control structures
DEU Programmprozessor
DSY Programmprüfsoftware
Softwareprüfwerkzeug

program profiling
USE program diagnostics

program saving techniques
USE data handling

program slicing
BT program diagnostics
PT program diagnostics
DEU Program-Slicing

program testing
BT programming
testing
SY *software testing*
PT programming
RT performance evaluation
program debugging
program diagnostics
program verification
software maintenance
software performance evaluation
software reliability
DEU Programmprüfung
DSY Programmtest

program traceability
USE program diagnostics

program tracing
USE program diagnostics

program translators
USE program interpreters

program understanding
USE reverse engineering

program validation
USE program verification

program verification
BT formal verification
NT reasoning about programs
SY *algorithm correctness proving*
algorithm termination
UF *program correctness proving / program verification + programming theory*
SY *program validation*
software validation
termination, algorithm
verification, program
PT program testing
programming theory
RT algorithm theory
program testing
programming theory
DEU Programmverifikation

program visualisation
BT software tools
visual programming
SY *program visualization*
PT software tools
visual programming
RT data visualisation
reverse engineering
DEU Programmvisualisierung

program visualization
USE program visualisation

Program-Slicing
DEU for program slicing

programmable array logic
USE programmable logic arrays

programmable circuits
BT networks (circuits)
NT field programmable analogue arrays
programmable filters
programmable logic arrays
RT programmable logic devices
PROM
DEU programmierbare Schaltung
DSY programmierbarer Schaltkreis

programmable controllers
BT controllers
SY *PLC*
PT controllers
programmed control
RT control equipment
control systems
industrial control
programmed control
DEU programmierbare Regelung
DSY programmierbare Steuerung
programmierbarer Regler

programmable filters
BT filters
programmable circuits
RT active filters
digital filters
filtering theory
signal processing
switched capacitor filters
DEU programmierbares Filter

programmable logic arrays
BT logic arrays
programmable circuits
programmable logic devices
NT field programmable gate arrays
SY *PAL*
PLA
programmable array logic
PT logic arrays

RT PLD programming
DEU programmierbare logische Anordnung
DSY programmierbares logisches Feld
programmierbares logisches Gerät

programmable logic devices
BT logic devices
NT programmable logic arrays
SY *EPLD*
PLD
PT logic arrays
RT logic arrays
PLD programming
programmable circuits
DEU programmierbare Logikschaltung
DSY programmierbarer Logikschaltkreis

programmable read-only-memory
USE PROM

Programmanalyse
DUS für program debugging

Programmarchitektur
DEU for software architecture

Programmassembler
DUS für program assemblers

Programmauswahl
DEU for software selection

Programmbibliothek
DEU for software libraries

Programmdebugging
DUS für program debugging

Programmdiagnostik
DEU for program diagnostics

programmed control
BT automation
RT process control
production control
programmable controllers
DEU Programmsteuerung

Programmentwicklungsmanagement
DEU for software development management

programmer training
USE training

Programmfehlerkorrektur
DUS für program debugging

Programmfehlersuche
DUS für program debugging

Programmfehlertoleranz
DEU for software fault tolerance

programmierbare Logikschaltung
DEU for programmable logic devices

programmierbare logische Anordnung
DEU for programmable logic arrays

programmierbare Regelung
DEU for programmable controllers

programmierbare Schaltung
DEU for programmable circuits

programmierbare Steuerung
DUS für programmable controllers

programmierbarer Logikschaltkreis
DUS für programmable logic devices

programmierbarer Nur-Lese-Speicher
DEU for PROM

programmierbarer Regler
DUS für programmable controllers

programmierbarer Schaltkreis
DUS für programmable circuits

programmierbares Filter
DEU for programmable filters

programmierbares logisches Feld
DUS für programmable logic arrays

programmierbares logisches Gerät
DUS für programmable logic arrays

Programmiernorm
DUS für software standards

Programmiersprache
DEU for programming languages

Programmiersprache für virtuelle Realität
DEU for virtual reality languages

Programmiersprachensemantik
DEU for programming language semantics

Programmiertheorie
DEU for programming theory

Programmierumgebung
DEU for programming environments

Programmierung
DEU for programming

programming
NT analogue computer programming
application generators
automatic programming
distributed programming
functional programming
hybrid computer programming
interactive programming
logic programming
microprogramming
object-oriented programming
PLD programming
program control structures
program debugging
program testing
robot programming
software tools
structured programming
system documentation
visual programming
SY *computer programming*
UF *programming education / computer science education + programming*
RT algorithm theory
computer science
computer software
data flow analysis
flowcharting
naming services
program diagnostics
programming environments
programming languages
programming theory
reachability analysis
software reliability
source code (software)
systems analysis
DEU Programmierung

programming by demonstration
USE automatic programming

programming by example
USE automatic programming

programming calculi
USE process algebra

programming education
USE computer science education
\+ programming

programming environments
BT software engineering
UF *fourth-generation languages / application generators + database management systems + high level languages + programming environments + query languages + report generators + simulation languages + specification languages*
SY *PCTE*
Portable Common Tools Environment
PT software engineering
RT development systems
program compilers
program debugging
programming
project support environments
Smalltalk
software tools
Unix
DEU Programmierumgebung

programming language semantics
BT computational linguistics
SY *denotational semantics*
fixed point semantics
semantics (programming languages)
PT computational linguistics
RT formal languages
programming languages
reasoning about programs
DEU Programmiersprachensemantik
DSY Semantik in der Programmiersprache

programming languages
BT languages
NT database languages
high level languages
machine oriented languages
report generators
SY *computer languages*
languages, programming
RT algorithmic languages
computer software

computers
digital computers
formal languages
natural languages
programming
programming language semantics
programming theory
query languages
specification languages
DEU Programmiersprache

programming theory
BT computation theory
NT type theory
UF *program correctness proving / program verification + programming theory*
PT programming
RT algorithm theory
computational geometry
computer software
database theory
logic programming
Petri nets
program verification
programming
programming languages
reasoning about programs
DEU Programmiertheorie

programming, automatic
USE automatic programming

programming, geometric
USE geometric programming

programming, interactive
USE interactive programming

programming, mathematical
USE mathematical programming

programming, structured
USE structured programming

Programmleistungsbewertung
DEU for software performance evaluation

Programmmanagement
DEU for software management

Programmprototypentwicklung
DEU for software prototyping

Programmprozessor
DEU for program processors

Programmprüfsoftware
DUS für program processors

Programmprüfung
DEU for program testing

Programmqualität
DEU for software quality

Programmschnittstelle
DUS für application program interfaces

Programmsteuerung
DEU for programmed control

Programmsteuerungsstruktur
DEU for program control structures

Programmtest
DUS für program testing

Programmübersetzer
DUS für program assemblers

Programmübertragbarkeit
DEU for software portability

Programmverifikation
DEU for program verification

Programmvisualisierung
DEU for program visualisation

Programmwartung
DEU for software maintenance

Programmwerkzeug
DEU for software tools

Programmwiederverwendbarkeit
DEU for software reusability

Programmzuverlässigkeit
DEU for software reliability

programs (computer listings)
USE complete computer programs

Progression zum Durchschnitt
DUS für moving average processes

Progression zum Mittelwert
DUS für autoregressive moving average processes

project engineering
BT engineering
NT scheduling
RT critical path analysis
design engineering
electrical contracting
electromagnetic compatibility
PERT
project management
project support environments
quality control
reliability
systems engineering
DEU Projektabwicklung

project evaluation review techniques
USE PERT

project management
BT management
UF *software project management / project management + software management*
PT project engineering
RT lead time reduction
PERT
project engineering
project support environments
quantity surveying
tendering
DEU Projektmanagement

project support environments
BT software engineering
SY *integrated project support environments*
IPSE
PT programming environments
software engineering
RT configuration management
programming environments
project engineering
project management
DEU Projektunterstützungumgebung

projectiles
UF *bullets (weapons) / projectiles + weapons*
RT armour
ballistics
electromagnetic launchers
electrothermal launchers
fuzes (detonation)
missiles
rockets
weapons
DEU Projektil

projectors (optical)
USE optical projectors

Projektabwicklung
DEU for project engineering

Projektil
DEU for projectiles

Projektmanagement
DEU for project management

Projektunterstützungumgebung
DEU for project support environments

PROLOG
BT logic programming languages
PT high level languages
RT logic programming
PROLOG listings
DEU PROLOG (Programmiersprache)

PROLOG (Programmiersprache)
DEU for PROLOG

PROLOG listings
BT complete computer programs
PT complete computer programs
RT PROLOG
DEU PROLOG-Programm

PROLOG-Programm
DEU for PROLOG listings

PROM
BT read-only storage
NT EPROM
SY *programmable read-only-memory*
PT integrated memory circuits
read-only storage
RT cellular arrays
integrated memory circuits
logic arrays
PLD programming
programmable circuits
random-access storage
semiconductor storage
DEU programmierbarer Nur-Lese-Speicher
DSY PROM (Programmierbarer Nur-Lese-Speicher)

PROM (Pockel readout optical modulator)
USE electro-optical modulation

PROM (Programmierbarer Nur-Lese-Speicher)
DUS für PROM

PROM programming
USE PLD programming

promethium
BT rare earth metals
SY *Pm (chemical element)*
RT promethium alloys
promethium compounds
DEU Promethium

promethium alloys
BT rare earth alloys
PT rare earth alloys
RT promethium
promethium compounds
DEU Promethiumlegierung

promethium compounds
BT rare earth compounds
RT promethium
promethium alloys
DEU Promethiumverbindung

Promethiumlegierung
DEU for promethium alloys

Promethiumverbindung
DEU for promethium compounds

Promethium
DEU for promethium

prominences (solar)
USE solar prominences

promotion (marketing)
BT marketing
UF *sales promotion / promotion (marketing) + sales management*
RT advertising
public relations
sales management
DEU Förderung
DSY Unterstützung
Verkaufsförderung
Werbung (Marketing)

proof systems
USE theorem proving

propagation, wave
USE wave propagation

propellants
BT production materials
UF *rocket propellants / fuel + propellants + rocket engines + rockets*
RT aerospace engines
aerospace materials
aerospace propulsion
chemically reactive flow
combustion
fuel
ignition
ion engines
rocket engines
space vehicles
DEU Treibstoff

Propeller
DUS für propellers

Propellerdruckimpuls
DUS für pressure

propellers
BT mechanical products
RT aerospace components
aerospace propulsion
blades
engines
impellers
marine propulsion
marine systems
shafts
DEU Axialrad
DSY Luftschraube
Propeller
Schiffsschraube

proper motion
USE stellar motion

property market
BT finance
NT real estate data processing
SY *estate agents*
PT real estate data processing
RT construction industry
mortgage processing
DEU Besitzvermarktung
DSY Eigenkapitalmarkt
Vermögensvermarktung

proportional + derivative control
USE PD control

proportional + integral + differential control
USE three-term control

proportional + integral control
USE PI control

proportional control
BT control theory
NT PD control
PI control
PT control system analysis
control system synthesis
RT three-term control
two-term control
DEU P-Regelung

proportional counters
BT counters
NT helium-3 counters
liquid proportional counters
multiwire proportional chambers
time projection chambers
transition radiation detectors
UF *wall-less counters / ionisation chambers + proportional counters*
RT ionisation chambers
liquid ionisation chambers
position sensitive particle detectors
shower counters
DEU Proportionalzähler

Proportional-Share-Multiprozessor-Scheduling
DUS für processor scheduling

Proportionalzähler
DEU for proportional counters

proprioception
USE mechanoception

propulsion
NT aerospace propulsion
electric propulsion
electromagnetic launchers
electrothermal launchers
marine propulsion
RT drives
electric drives
engines
marine systems
DEU Antriebseinheit

prospecting (geophysical)
USE geophysical prospecting

prosthetic power supplies
BT biomedical electronics
power supplies to apparatus
prosthetics
PT power supplies to apparatus
prosthetics
DEU Prothesenstromversorgung
DSY prothetische Stromversorgung

prosthetics
NT artificial limbs
artificial organs
cochlear implants
pacemakers
prosthetic power supplies
stents
UF *heart valves / cardiology + prosthetics*
SY *hip joint replacements*
implants, surgical
RT bioceramics
biocontrol
biomedical electrodes
biomedical electronics
biomedical engineering
biomedical equipment
biomedical materials
biomineralisation
defibrillators
drug delivery systems
handicapped aids
medical control systems
neuromuscular stimulation
orthopaedics
orthotics
patient rehabilitation
sensory aids
DEU Prothetik

protactinium
BT actinides
SY *Pa (chemical element)*
RT protactinium compounds
DEU Protactinium

protactinium compounds
BT actinide compounds
RT protactinium
DEU Protactiumverbindung

Protactinium
DEU for protactinium

Protactiumverbindung
DEU for protactinium compounds

protection
NT consumer protection
corrosion protection
ear protection
explosion protection
eye protection
flameproofing
lightning protection
machine protection
overcurrent protection
overvoltage protection
power system protection
protective clothing
radiation protection
relay protection
respiratory protection
substation protection
surge protection
switchgear protection
transformer protection
RT alarm systems
busbars
circuit breakers
earth electrodes
earthing
electric current control
electric fuses
electric shocks
electrical faults
fault currents
flashover
hazardous areas
protective coatings
relays
residual current devices
safety
uninterruptible power supplies
voltage control
DEU Schutz (allgemein)

protection of software, legal
USE industrial property

protective clothing
BT clothing
protection
RT armour
ear protection
eye protection
medical supplies
radiation protection
respiratory protection
safety devices
sportswear
DEU Schutzkleidung

protective coatings
BT coatings
NT conformal coatings
corrosion protective coatings
thermal barrier coatings
wear resistant coatings
SY *coatings, protective*
PT coating techniques
corrosion protection
protection
RT anodised layers
claddings
enamels
galvanising
lacquers
linings
paints
passivation
protection
DEU Schutzüberzug

protective coatings, optical fibre
USE optical fibre cladding

protective relays
USE relay protection

Protein
DEU for proteins

proteins
BT organic compounds
NT enzymes
gelatin
SY *bacteriorhodopsin*
collagen
fibrinogen
haemoglobin
hemoglobin
keratin
myoglobin
rhodopsin
serum albumin
RT biomolecular electronics
DNA
macromolecules
molecular biophysics
proteomics
RNA
DEU Protein

Proteomforschung
DEU for proteomics

proteomics
BT molecular biophysics
PT molecular biophysics
proteins

RT biochemistry
biological techniques
biology computing
cellular biophysics
medical computing
proteins
DEU Proteomforschung
DSY Proteomik

Proteomik
DUS für proteomics

Prothesenstromversorgung
DEU for prosthetic power supplies

Prothetik
DEU for prosthetics

prothetische Stromversorgung
DUS für prosthetic power supplies

protocol analysers
USE network analysers

protocols
NT access protocols
cryptographic protocols
memory protocols
multicast protocols
multiprotocol label switching
routing protocols
signalling protocols
transport protocols
UF *High Performance Parallel Interface / local area networks + network interfaces + protocols*
UF *HIPPI / local area networks + network interfaces + protocols*
UF *manufacturing automation protocol / factory automation + industrial control + local area networks + protocols*
UF *MAP / factory automation + industrial control + local area networks + protocols*
UF *technical office protocol / local area networks + office automation + protocols*
SY *token passing*
UF *TOP / local area networks + office automation + protocols*
SY *WAP*
Wireless Application Protocol
PT data communication systems
RT ad hoc networks
amplify and forward communication
automatic repeat request
Bluetooth
computer interfaces
concurrency control
conformance testing
data communication
decode and forward communication
FDDI
formal verification
frame relay
home networks
Internet of Things
internetworking
LAN interconnection
multi-access systems
next generation networks
on-board communications
open systems
quality of service
standards
telecommunication congestion control
telecommunication security
telecommunication standards
token networks
Web services
Zigbee
DEU Protokoll

Protokoll
DEU for protocols

Proton
DEU for protons

proton absorption
BT absorption
RT protons
DEU Protonen-Absorption

proton accelerators
BT particle accelerators
UF *cosmotrons / proton accelerators + synchrotrons*
PT particle accelerators
RT cyclic accelerators
linear colliders
tandem accelerators
DEU Protonenbeschleuniger

proton affinity
PT electronegativity
RT ionisation potential
DEU Protonenaffinität

proton angular distribution
RT proton spectra
protons
DEU Protonenwinkelverteilung

proton beam effects
USE proton effects

proton beams
BT particle beams
PT particle beams
RT beam handling techniques
particle optics
proton effects
protons
DEU Protonenstrahl

proton belt
USE radiation belts

proton decay
BT baryon decay
PT baryon decay
protons
unified field theories
RT protons
unified field theories
DEU Protonen-Zerfall

proton detection
BT radiation detection
PT proton detection and measurement
RT protons
radioactivity measurement
DEU Protonendetektion

proton effects
BT ion beam effects
UF *biological effects of protons / biological effects of ionising particles + proton effects*
SY *proton beam effects*
RT biological effects of ionising particles
proton beams
DEU Protonenwirkung

proton elastic scattering analysis
USE nuclear chemical analysis

proton electric moment
BT nucleon electric moment
PT electric moments
RT protons
DEU protonenelektrisches Moment

proton emission decay
BT radioactive decay schemes
PT radioactive decay schemes
RT delayed protons
radioactive decay periods
DEU Protonenemissions-Zerfall

proton exchange
USE ion exchange

proton exchange membrane fuel cells
BT fuel cells
SY *direct propane fuel cells*
PEFC
PEMFC
polymer electrolyte fuel cells
solid polymer fuel cells
PT fuel cells
RT conducting polymers
direct alcohol fuel cells
direct ethanol fuel cells
direct methanol fuel cells
fuel cell power plants
ion exchange
membranes
polymer electrolytes
solid electrolytes
DEU PEM-Brennstoffzelle
DSY Polymerelektrolytmembranbrennsto ffzelle
Protonenaustauschmembranbrenns toffzelle

proton glasses
USE dipole glasses

proton gyromagnetic ratio
USE gyromagnetic ratio

proton induced X-ray emission
USE ion microprobe analysis
\+ X-ray chemical analysis

proton interactions
USE proton-deuteron interactions
\+ proton-nucleon interactions
\+ proton-nucleus reactions

proton magnetic moment
BT nucleon magnetic moment
RT protons
DEU protonenmagnetisches Moment

proton magnetic resonance
BT nuclear magnetic resonance
SY *PMR*
PT nuclear magnetic resonance
RT biological NMR

biomedical MRI
biomedical NMR
DEU protonenmagnetische Resonanz

proton magnetic resonance imaging (biomedical)
USE biomedical MRI

proton polarisation
BT polarisation
SY *proton polarization*
RT protons
DEU Protonen-Polaristion
DSY Protonenpolaristion

proton polarization
USE proton polarisation

proton production
BT baryon production
RT baryon photoproduction
protons
DEU Protonenproduktion

proton radiative capture
BT proton-nucleus reactions
PT nuclear reactions and scattering due to protons
DEU Einfang radioaktiver Protonen

proton reactions
USE proton-nucleus reactions

proton scattering
USE proton-deuteron scattering
+ proton-nucleon scattering
+ proton-nucleus scattering

proton sources
BT particle sources
PT particle sources
RT antiproton sources
DEU Protonenquelle

proton spectra
BT spectra (general)
RT proton angular distribution
protons
DEU Protonenspektrum

proton therapy
USE radiation therapy

proton transfer
USE chemical exchanges

Proton-Atomkern-Reaktion
DEU for proton-nucleus reactions

Proton-Atomkern-Streuung
DEU for proton-nucleus scattering

proton-deuteron interactions
BT hadron-deuteron interactions
UF *proton interactions / proton-deuteron interactions + proton-nucleon interactions + proton-nucleus reactions*
PT deuteron interactions
proton interactions
RT proton-deuteron scattering
DEU Proton-Deuteron-Wechselwirkung

proton-deuteron scattering
BT hadron-deuteron scattering
UF *proton scattering / proton-deuteron scattering + proton-nucleon scattering + proton-nucleus scattering*
RT proton-deuteron interactions
DEU Proton-Deuteron-Streuung

Proton-Deuteron-Streuung
DEU for proton-deuteron scattering

Proton-Deuteron-Wechselwirkung
DEU for proton-deuteron interactions

proton-nucleon interactions
BT nucleon-nucleon interactions
NT neutron-proton interactions
proton-proton interactions
UF *proton interactions / proton-deuteron interactions + proton-nucleon interactions + proton-nucleus reactions*
PT nucleon-nucleon interactions
RT proton-nucleon scattering
DEU Proton-Nukleon-Wechselwirkung

proton-nucleon scattering
BT nucleon-nucleon scattering
NT neutron-proton scattering
proton-proton scattering
UF *proton scattering / proton-deuteron scattering + proton-nucleon scattering + proton-nucleus scattering*
PT nucleon-nucleon scattering
RT proton-nucleon interactions
DEU Proton-Nukleon-Streuung

proton-nucleus reactions
BT nucleon-nucleus reactions
NT proton radiative capture
UF *proton interactions / proton-deuteron interactions* + *proton-nucleon interactions* + *proton-nucleus reactions*
SY *proton reactions*
PT nuclear reactions and scattering due to protons
RT neutron-proton interactions
proton-proton interactions
DEU Proton-Atomkern-Reaktion

proton-nucleus scattering
BT nucleon-nucleus scattering
UF *proton scattering / proton-deuteron scattering* + *proton-nucleon scattering* + *proton-nucleus scattering*
PT nuclear reactions and scattering due to protons
RT neutron-proton scattering
proton-proton scattering
DEU Proton-Atomkern-Streuung

Proton-Nukleon-Streuung
DEU for proton-nucleon scattering

Proton-Nukleon-Wechselwirkung
DEU for proton-nucleon interactions

proton-proton inclusive interactions
BT elementary particle inclusive interactions
proton-proton interactions
PT elementary particle inclusive reactions
proton interactions
RT elementary particle jets
DEU Proton-Proton-Inklusive-Wechselwirkung

proton-proton interactions
BT proton-nucleon interactions
NT proton-proton inclusive interactions
RT proton-nucleus reactions
proton-proton scattering
DEU Proton-Proton-Wechselwirkung

proton-proton scattering
BT proton-nucleon scattering
RT proton-nucleus scattering
proton-proton interactions
DEU Proton-Proton-Streuung

Proton-Proton-Inklusive-Wechselwirkung
DEU for proton-proton inclusive interactions

Proton-Proton-Streuung
DEU for proton-proton scattering

Proton-Proton-Wechselwirkung
DEU for proton-proton interactions

proton-surface impact
USE ion-surface impact

protonation
USE association (chemical)

Protonen-Absorption
DEU for proton absorption

Protonen-Polaristion
DEU for proton polarisation

Protonen-Zerfall
DEU for proton decay

Protonenaffinität
DEU for proton affinity

Protonenaustauschmembranbrennstoffzelle
DUS für proton exchange membrane fuel cells

Protonenbeschleuniger
DEU for proton accelerators

Protonendetektion
DEU for proton detection

protonenelektrisches Moment
DEU for proton electric moment

Protonenemissions-Zerfall
DEU for proton emission decay

protonenmagnetische Resonanz
DEU for proton magnetic resonance

protonenmagnetisches Moment
DEU for proton magnetic moment

Protonenpolaristion
DUS für proton polarisation

Protonenproduktion
DEU for proton production

Protonenquelle
DEU for proton sources

Protonenspektrum
DEU for proton spectra

Protonenstrahl
DEU for proton beams

Protonenwinkelverteilung
DEU for proton angular distribution

Protonenwirkung
DEU for proton effects

protonium
USE protons

protonosphere
USE upper atmosphere

protons
BT nucleons
NT cosmic ray protons
delayed protons
SY *antiprotons*
protonium
RT hydrogen
hydrogen ions
proton absorption
proton angular distribution
proton beams
proton decay
proton detection
proton electric moment
proton magnetic moment
proton polarisation
proton production
proton spectra
DEU Proton

protoplanetary disks
USE circumstellar matter
\+ extrasolar planetary formation

protostars
USE pre-main-sequence stars

protostellar clouds
USE nebulae
\+ star formation

Prototyp
DEU for prototypes

prototypes
BT design engineering
RT product design
rapid prototyping (industrial)
virtual prototyping
DEU Prototyp

prototyping, software
USE software prototyping

proving, theorem
USE theorem proving

proximity effect (lithography)
BT lithography
SY *optical proximity effect*
PT electron beam lithography
ion beam lithography
photolithography
X-ray lithography
RT electron beam lithography
ion beam lithography
photolithography
X-ray lithography
DEU Proximity-Effekt (Lithographie)

proximity effect (superconductivity)
BT superconductive tunnelling
SY *Holm-Meissner effect*
PT proximity effect
RT Josephson effect
superconducting junction devices
DEU Proximity-Effekt
(Supraleitfähigkeit)

Proximity-Effekt (Lithographie)
DEU for proximity effect (lithography)

Proximity-Effekt (Supraleitfähigkeit)
DEU for proximity effect (superconductivity)

proxy records (geophysical)
BT climatology
SY *ice core records*
natural archives
palaeorecords
paleorecords
sediment core records
tree ring records
PT climatology
RT oceanography
sediments
DEU Datenaufzeichnung
(geophysikalisch)
DSY Datensatz (geophysikalisch)
geophysikalische
Datenaufzeichnung
geophysikalische Datensatz

Prozessalgebra
DEU for process algebra

Prozessentwicklung
DEU for process design

Prozesserwärmung
DEU for process heating

Prozesskostenrechnung
DEU for activity based costing

Prozessorzuteilung
DEU for processor scheduling

Prozessorzuteilung in Mehrprozessoranlage
DUS für processor scheduling

Prozessorzuweisung im Mehrprozessorsystem
DUS für processor scheduling

Prozessplanung
DEU for process planning

Prozessrechner
DEU for process computers

Prozessresourcenanalyse
DEU for process capability analysis

Prozesssteuerung
DEU for process control

Prozessüberwachung
DEU for process monitoring

Prüfanlage
DEU for test facilities

Prüfautomat
DUS für automatic test equipment

Prüfen
DUS für testing

Prüfen des Geräuschpegels
DUS für acoustic emission testing

Prüfen des Lärmpegels
DUS für acoustic emission testing

Prüfen optischer Bauelemente
DEU for optical instrument testing

Prüfen optischer Geräte
DUS für optical instrument testing

Prüfen optischer Instrumente
DUS für optical instrument testing

prüfgerechte Entwurfsregel
DEU for design for testability

prüfgerechter Entwurf
DUS für design for testability

prüfgerechtes Konzept
DUS für design for testability

Prüfpunktsetzen
DEU for checkpointing

Prüfung
DUS für testing

Prüfung elektronischer Bauelement
DUS für electron device testing

Prüfung gedruckter Schaltungen
DUS für printed circuit testing

Prüfung integrierter Schaltungen
DEU for integrated circuit testing

Prüfung physikalischer Gesetze
DEU for fundamental law tests

Prüfung supraleitender Bauelemente
DEU for superconducting device testing

Przessentwurf
DUS für process design

Ps (chemical element)
USE positronium

pseudobinary semiconductors
USE II-VI semiconductors
\+ III-V semiconductors
\+ III-VI semiconductors
\+ IV-VI semiconductors
\+ semiconductor materials

pseudocapacitors
USE supercapacitors

pseudocepheids
USE supergiant stars
\+ variable stars

pseudonoise coded communication
USE pseudonoise codes
\+ spread spectrum communication

pseudonoise coded radar
USE pseudonoise codes
\+ spread spectrum radar

pseudonoise codes
BT codes
SY *PN codes*
UF *pseudonoise coded communication / pseudonoise codes + spread spectrum communication*
UF *pseudonoise coded radar / pseudonoise codes + spread spectrum radar*
PT codes
encoding (general)
RT binary sequences
Gold codes
random codes
spread spectrum communication
DEU Pseudorauschcode

pseudopotential methods
RT atomic structure
band theory
potential energy functions
quantum chemistry
DEU Pseudopotentialmethode
DSY Pseudopotenzialmethode

Pseudopotentialmethode
DEU for pseudopotential methods

Pseudopotenzialmethode
DUS für pseudopotential methods

pseudorandom number generation
USE random number generation

pseudorandom sequences
USE random sequences

Pseudorauschcode
DEU for pseudonoise codes

PSG
USE phosphosilicate glasses

PSI
USE phase shifting interferometry

psi mesons
BT meson resonances
SY *J particles*
PT meson resonances
DEU psi-Meson

psi-Meson
DEU for psi mesons

PSK
USE phase shift keying

PSPICE
USE SPICE

Psychiatrie
DEU for psychiatry

psychiatry
USE medicine
\+ psychology
DEU Psychiatrie

psychische Prüfung
DEU for psychometric testing

psychological optics
USE vision
DEU psychologische Optik

Psychologie
DEU for psychology

psychologische Optik
DEU for psychological optics

psychology
BT behavioural sciences
NT industrial psychology
psychometric testing
UF *educational psychology / education + psychology*
UF *psychiatry / medicine + psychology*
SY *psychology computing*
RT behavioural sciences computing
cognition
cybernetics
emotion recognition
patient diagnosis
visual perception
DEU Psychologie

psychology computing
USE psychology

psychometric testing
BT psychology
recruitment
RT industrial psychology
DEU psychische Prüfung
DSY psychometrische Prüfung

psychometrische Prüfung
DUS für psychometric testing

psychrometry
USE humidity measurement

Pt (chemical element)
USE platinum
DEU Pt (chemisches Element)

Pt (chemisches Element)
DEU for Pt (chemical element)

PTD
USE physical theory of diffraction

PTM
USE pulse time modulation

Pu (chemical element)
USE plutonium
DEU Pu (chemisches Element)

Pu (chemisches Element)
DEU for Pu (chemical element)

public administration
BT administrative data processing
government
NT emergency services
UF *local authorities / local government + public administration*
UF *public-private partnerships / organisational aspects + public administration*
SY *social services*
social work
welfare
PT government data processing
RT emergency management
government data processing
law administration
local government
public information systems
public relations
tendering
DEU öffentliche Verwaltung

public domain software
BT computer software
SY *free software*
open source software
shareware
PT computer software
RT Android (operating system)
hobby computing
Linux
software packages
SysML
DEU Public-Domain-Software

public finance
BT finance
NT taxation
UF *government borrowing / government policies + public finance*
UF *government expenditure / government policies + public finance*
RT government
investment
macroeconomics
DEU öffentliche Finanzen

public information systems
BT information systems
UF *online public access catalogues / bibliographic systems + cataloguing + library automation + public information systems*
UF *OPAC / bibliographic systems + cataloguing + library automation + public information systems*
PT management information systems
RT driver information systems
information retrieval systems
management information systems
public administration
traffic information systems
DEU öffentliches Informationssystem

public key cryptography
BT cryptography
SY *elliptic curve cryptography*
PKI
public key infrastructure
Rivest-Shamir-Adleman cryptography
RSA cryptography
PT cryptography
RT codes
message authentication
private key cryptography
DEU Public-Key-Kryptografie
DSY Public-Key-Kryptographie

public key infrastructure
USE public key cryptography

public libraries
BT libraries
PT libraries
RT academic libraries
research libraries
DEU öffentliche Bibliothek

public relations
RT corporate social responsibility
customer relationship management
marketing
promotion (marketing)
public administration
DEU öffentliche Beziehungen

public speaking
BT professional communication
voice communication
DEU Öffentlichkeitsarbeit

public transport
BT transportation
SY *public transportation*
PT transportation
RT environmental factors
government policies
railways
town and country planning
travel industry
DEU öffentlicher Verkehr

public transportation
USE public transport

public utilities
NT electricity supply industry
gas industry
water supply
RT critical infrastructures
sewage treatment
DEU öffentliches Versorungsunternehmen

Public-Domain-Software
DEU for public domain software

Public-Key-Kryptografie
DEU for public key cryptography

Public-Key-Kryptographie
DUS für public key cryptography

public-private partnerships
USE organisational aspects
\+ public administration

publish/subscribe systems
USE message passing
\+ middleware

publishing
BT computer applications
NT company reports
desktop publishing
electronic publishing
SY *fulfilment, subscription*
newspapers
subscription fulfilment
RT dictionaries
digital printing
encyclopaedias
information science
microforms
reproduction (copying)
typesetting
DEU Verlagswesen

puffer circuit breakers
USE gas blast circuit breakers

Pufferschaltkreis
DEU for buffer circuits

Pufferschicht
DEU for buffer layers

Pufferspeicher (Informatik)
DEU for buffer storage

pull based production
USE push-pull production

pull scheduling
USE push-pull production

pulleys
BT materials handling equipment
RT aerial equipment
chains
conveyors
lifting equipment
DEU Flaschenzug
DSY Riemenscheibe
Rolle

pulp industry
USE paper industry

pulp manufacture
BT manufacture
PT paper industry
RT bleaching (materials processing)
paper making
paper pulp
wood processing
DEU Pulpeherstellung

Pulpeherstellung
DEU for pulp manufacture

Puls-Code-Modulation (PCM)
DUS für pulse code modulation

Puls-Code-Modulationsverbindung (PCML)
DUS für pulse code modulation links

Puls-Höhen-Analysator (PHA)
DEU for pulse height analysers

Pulsamplitudenmodulation
DEU for pulse amplitude modulation

Pulsanalysator
DEU for pulse analysers

Pulsar
DEU for pulsars

pulsars
BT radiosources (astronomical)
stars
SY *millisecond pulsars*
PT radiofrequency cosmic radiation
RT neutron stars
supernova remnants
DEU Pulsar

pulsars, X-ray
USE X-ray binary stars

pulsatile flow
BT flow
NT peristaltic flow
SY *periodic flow*
pulsed flow
pulsing flow
PT flow
RT biological fluid dynamics
fluid oscillations
pipe flow
DEU instationäre Strömung
DSY pulsierende Strömung

pulsating DB white dwarfs
USE variable stars
\+ white dwarfs

pulsationsveränderlicher Stern
DEU for stellar pulsations

Pulsbreitenmodulation
DEU for pulse width modulation

Pulsdauermodulation
DEU for pulse time modulation

pulsdauermodulierter Gleichrichter
DEU for PWM rectifiers

pulsdauermodulierter Leistungsumformer
DEU for PWM power convertors

pulsdauermodulierter Wechselrichter
DEU for PWM invertors

Pulsdruck
DUS für pressure

pulse amplifiers
BT amplifiers
pulse circuits
DEU Impulsverstärker

pulse amplitude analysers
USE pulse height analysers

pulse amplitude analyzers
USE pulse height analysers

pulse amplitude modulation
BT amplitude modulation
pulse modulation
SY *PAM*
PT pulse modulation
RT demodulators
modulators
DEU Pulsamplitudenmodulation

pulse analysers
NT pulse height analysers
SY *pulse analyzers*
PT pulse height analysers
RT pulse measurement
DEU Pulsanalysator

pulse analyzers
USE pulse analysers

pulse circuits
BT networks (circuits)
NT coincidence circuits
counting circuits
digital circuits
driver circuits
logic circuits
pulse amplifiers
pulse generators
pulse shaping circuits
RT comparators (circuits)
frequency multipliers
nuclear electronics
DEU Impulsschaltkreis
DSY Impulsschaltung

pulse code modulation
BT pulse modulation
NT differential pulse code modulation
SY *PCM*
PT pulse-code modulation
RT codecs
compandors
comparators (circuits)
delta modulation
demodulators
encoding (general)
modulation coding
modulators
pulse code modulation links
runlength codes
transmultiplexing
variable length codes
variable rate codes
vocoders
DEU PCM (Puls-Code-Modulation)
DSY Puls-Code-Modulation (PCM)

pulse code modulation links
BT telecommunication links
SY *PCM links*
PT pulse-code modulation links
RT pulse code modulation
DEU PCML (Puls-Code-Modulationsverbindung)
DSY Puls-Code-Modulationsverbindung (PCML)

pulse compression
BT frequency modulation
signal processing
NT chirp modulation
optical pulse compression
RT bandwidth compression
data compression
delay filters
radar signal processing
DEU Impulskompression

pulse control systems
USE sampled data systems

pulse Doppler radar
USE Doppler radar

pulse frequency modulation
BT frequency modulation
pulse modulation
SY *PFM*
PT pulse modulation
RT demodulators
modulators
DEU Pulsfrequenzmodulation

pulse generators
BT function generators
pulse circuits
UF *explosive driven pulse generators / pulse generators + pulsed power supplies*
SY *impulse generators*
UF *magnetic flux compression generators / pulse generators + pulsed power supplies*
UF *Marx generators / pulse generators + pulsed power supplies*
RT driver circuits
multivibrators
optical pulse generation
pulsed power supplies
pulsed power technology
time bases
DEU Impulsgenerator

pulse height analysers
BT pulse analysers
SY *multichannel analysers*
multichannel analyzers
pulse amplitude analysers
pulse amplitude analyzers
pulse height analyzers
RT counting circuits
pulse measurement
DEU Puls-Höhen-Analysator (PHA)

pulse height analyzers
USE pulse height analysers

pulse measurement
BT measurement
NT pulsed electroacoustic methods
UF *laser pulse variables measurement / laser beams + laser variables measurement + pulse measurement*
RT electric variables measurement
impulse testing

laser variables measurement
pulse analysers
pulse height analysers
DEU Pulsmessung

pulse modulation
BT modulation
NT delta modulation
pulse amplitude modulation
pulse code modulation
pulse frequency modulation
pulse time modulation
RT demodulators
intersymbol interference
modulators
telemetry
time division multiplexing
DEU Pulsmodulation

pulse motors
USE stepping motors

pulse position modulation
BT pulse time modulation
PT pulse modulation
RT demodulators
modulators
DEU Pulsphasenmodulation

pulse shaping
NT optical pulse shaping
RT pulse shaping circuits
DEU Impulsformung
DSY Pulsformung

pulse shaping circuits
BT pulse circuits
RT pulse shaping
DEU Impulsformungsschaltkreis
DSY Impulsformungsschaltung
Pulsformungsschaltkreis
Pulsformungsschaltung

pulse time modulation
BT pulse modulation
NT pulse position modulation
pulse width modulation
SY *PTM*
PT pulse modulation
RT demodulators
modulators
DEU Pulsdauermodulation

pulse transformers
BT transformers
SY *signal transformers*
RT inductors
DEU Impulsübertrager

pulse width modulated invertors
USE PWM invertors

pulse width modulated power convertors
USE PWM power convertors

pulse width modulation
BT pulse time modulation
NT PWM invertors
PWM power convertors
PWM rectifiers
SY *PWM*
PT pulse modulation
RT demodulators
modulators
DEU Pulsbreitenmodulation

pulsed electroacoustic methods
BT acoustoelectric effects
pulse measurement
PT acoustoelectric effects
space charge
RT acoustoelectric devices
charge measurement
insulation testing
space charge
DEU gepulste elektroakustische
Methode

pulsed flow
USE pulsatile flow

pulsed laser deposition
BT laser ablation
laser deposition
SY *laser ablation deposition*
PT laser beam applications
vapour deposition
DEU gepulste Laserstrahlabscheidung

pulsed power supplies
BT power supplies to apparatus
pulsed power technology
SY *compulsators*
UF *explosive driven pulse generators / pulse generators + pulsed power supplies*
UF *magnetic flux compression generators / pulse generators + pulsed power supplies*
UF *Marx generators / pulse generators + pulsed power supplies*
PT power supplies to apparatus
pulsed power technology
RT high-voltage techniques
pulse generators
pulsed power switches
DEU Pulsstromlieferung

pulsed power switches
BT pulsed power technology switches
PT pulsed power technology
RT pulsed power supplies
spark gaps
switchgear
vacuum switches
DEU Pulsstromschalter

pulsed power technology
BT technology
NT pulsed power supplies
pulsed power switches
RT electric breakdown
electromagnetic launchers
electromagnetic pulse
electrothermal launchers
energy storage
gas-discharge tubes
high-voltage techniques
insulation
power capacitors
power supplies to apparatus
pulse generators
spark gaps
switches
DEU Pulsleistungstechnik

Pulsformung
DUS für pulse shaping

Pulsformungsschaltkreis
DUS für pulse shaping circuits

Pulsformungsschaltung
DUS für pulse shaping circuits

Pulsfrequenzmodulation
DEU for pulse frequency modulation

pulsierende Strömung
DUS für pulsatile flow

pulsierender Stern
DUS für stellar pulsations

pulsing flow
USE pulsatile flow

Pulsleistungstechnik
DEU for pulsed power technology

Pulsmessung
DEU for pulse measurement

Pulsmodulation
DEU for pulse modulation

Pulsphasenmodulation
DEU for pulse position modulation

Pulsstromlieferung
DEU for pulsed power supplies

Pulsstromschalter
DEU for pulsed power switches

pultrusion
BT forming processes
RT extrusion
DEU Pultrusionsverfahren
DSY Strangziehpressen
Ziehstrangpressen

Pultrusionsverfahren
DEU for pultrusion

Pulver
DEU for powders

pulverförmiger Brennstoff
DEU for pulverised fuels

pulverised coal
USE coal
\+ pulverised fuels

pulverised fuels
BT fuel
UF *pulverised coal / coal + pulverised fuels*
UF *pulverized coal / coal + pulverised fuels*
SY *pulverized fuels*
PT fuel
RT coal
fossil fuels
DEU pulverförmiger Brennstoff

pulverized coal
USE coal
\+ pulverised fuels

pulverized fuels
USE pulverised fuels

Pulverkern
DEU for powder cores

Pulvermetallurgie
DEU for powder metallurgy

Pulvertechnik
DEU for powder technology

Pulvertechnologie
DUS für powder technology

Pumpe (allgemein)
DEU for pumps

pumped-storage power stations
BT hydroelectric power stations
PT hydroelectric power stations
RT hydraulic turbines
hydroelectric power
pumping plants
pumps
DEU Pumpspeicherkraftwerk
DSY Pumpspeicherwerk

pumping
USE pumps

pumping (optical)
USE optical pumping

pumping plants
SY *pumping stations*
RT pumped-storage power stations
pumps
water supply
DEU Pumpwerk

pumping stations
USE pumping plants

pumps
NT fuel pumps
micropumps
vacuum pumps
SY *pumping*
RT compressors
heat pumps
impellers
pumped-storage power stations
pumping plants
turbomachinery
water supply
DEU Pumpe (allgemein)

Pumpspeicherkraftwerk
DEU for pumped-storage power stations

Pumpspeicherwerk
DUS für pumped-storage power stations

Pumpwerk
DEU for pumping plants

punched card equipment
BT data preparation equipment
DEU Lochkarteneinheit

punched tape equipment
BT data preparation equipment
DEU Lochbandeinheit

punching
BT manufacturing processes
RT forming processes
metal stamping
sheet metal processing
DEU Stanzen

Punktfehler
DEU for point defects

Punktfehlerstreuung
DEU for point defect scattering

Punktkontakt
DEU for point contacts

Punktkontakt-Spektroskopie
DEU for point contact spectroscopy

Punktkontaktspektroskopie
DUS für point contact spectroscopy

Punktschweißen
DEU for spot welding

Punktsystem
DUS für pointing systems

Pupillentracking
DUS für gaze tracking

purchase order processing
USE order processing

purchasing
BT financial management
NT buyer's guides
computer purchase
SY *bulk buying*
RT equipment evaluation
equipment selection
leasing
procurement
retailing
supply chain management
DEU Einkauf

purification
NT crystal purification
RT air cleaners
cleaning
decontamination
filtration
refining
DEU Aufreinigung (Chemie)
DSY Klärung (Reinigung)
Läuterung (Klärung)
Nachreinigung (Technik)
Reinigung
Veredelung (Reinigung)

purification, crystal
USE crystal purification

Purkinje effect
USE vision

push based production
USE push-pull production

push pull amplifiers
USE differential amplifiers

push scheduling
USE push-pull production

Push-Down-Automat
DUS für pushdown automata

push-pull production
BT production control
scheduling
SY *pull based production*
pull scheduling
push based production
push scheduling
PT production control
RT just-in-time
DEU Gegentaktfertigung

pushdown automata
BT finite automata
PT finite automata
DEU Kellerautomat (Automatentheorie)
DSY Kellerspeicherautomat
Push-Down-Automat
Pushdown-Automat
Stapelautomat (Automatentheorie)

Pushdown-Automat
DUS für pushdown automata

PWB
USE printed circuits

PWM
USE pulse width modulation

PWM inverters
USE PWM invertors

PWM invertors
BT invertors
pulse width modulation
SY *pulse width modulated invertors*
PWM inverters
PT invertors
pulse width modulation
RT DC-AC power convertors
induction motor drives
power electronics
power supplies to apparatus
power supply circuits
PWM power convertors
synchronous motor drives
DEU pulsdauermodulierter
Wechselrichter
DSY PWM-Wechselrichter

PWM power converters
USE PWM power convertors

PWM power convertors
BT power convertors
pulse width modulation
SY *pulse width modulated power convertors*
PWM power converters
PT power convertors
pulse width modulation
RT power electronics
power supplies to apparatus
power supply circuits
PWM invertors
PWM rectifiers
DEU pulsdauermodulierter
Leistungsumformer
DSY PWM-Leistungsumformer

PWM rectifiers
BT pulse width modulation
rectifying circuits
PT PWM power convertors
rectifying circuits
RT AC-DC power convertors
bridge circuits
PWM power convertors
rectifiers
switching convertors
DEU pulsdauermodulierter Gleichrichter

DSY PWM-Gleichrichter

PWM-Gleichrichter
DUS für PWM rectifiers

PWM-Leistungsumformer
DUS für PWM power convertors

PWM-Wechselrichter
DUS für PWM invertors

pylons
USE poles and towers

pyranometers
USE atmospheric measuring apparatus

pyroelectric detectors
BT electric sensing devices
pyroelectric devices
PT pyroelectric devices
RT infrared detectors
radiation detection
DEU pyroelektrischer Detektor

pyroelectric devices
BT dielectric devices
NT pyroelectric detectors
PT dielectric devices
pyroelectricity
RT infrared detectors
pyroelectricity
DEU pyroelektrisches Bauelement
DSY pyroelektrisches Gerät

pyroelectricity
BT dielectric properties
SY *electrocaloric effects*
RT pyroelectric devices
DEU Pyroelektrizität

pyroelektrischer Detektor
DEU for pyroelectric detectors

pyroelektrisches Bauelement
DEU for pyroelectric devices

pyroelektrisches Gerät
DUS für pyroelectric devices

Pyroelektrizität
DEU for pyroelectricity

Pyrolyse
DEU for pyrolysis

pyrolysis
BT chemical reactions
SY *cracking (chemical)*
decomposition, thermal
thermal decomposition
thermolysis
PT chemical reactions
RT fuel gasification
fuel processing
DEU Pyrolyse

pyromagnetic effects
USE magnetocaloric effects

Pyrometer
DEU for pyrometers

pyrometers
BT meters
RT high-temperature techniques
resistance thermometers
spectral methods of temperature measurement
temperature measurement
thermometers
DEU Pyrometer

Q
USE Q-factor

Q-factor
SY *Q*
quality factor
RT capacitors
circuit resonance
microwave resonators
millimetre wave resonators
Q-factor measurement
Q-meters
UHF resonators
DEU Gütefaktor

Q-factor measurement
BT measurement
RT electric variables measurement
Q-factor
Q-meters
DEU Q-Faktor-Messung

Q-Faktor-Messung
DEU for Q-factor measurement

Q-Messgerät
DEU for Q-meters

Q-meters
BT meters
RT Q-factor
Q-factor measurement
DEU Q-Messgerät

Q-Schalten
DUS für Q-switching

Q-Schalter-Technik
DUS für Q-switching

Q-Schaltung
DUS für Q-switching

Q-Schaltverhalten
DUS für Q-switching

Q-Switch
DUS für Q-switching

Q-switching
BT switching
SY *laser Q-switching*
RT electro-optical devices
lasers
optical modulation
optical pulse generation
DEU Güte-Schaltung
DSY Gütemodulation
Güteschaltbetrieb
Güteschalten
Güteschalter
Q-Schalten
Q-Schalter-Technik
Q-Schaltung
Q-Schaltverhalten
Q-Switch
Riesenimpuls
Riesenpuls

QAM
USE quadrature amplitude modulation

QC
USE quality control

QCD
USE quantum chromodynamics

QCD plasma
USE quark-gluon plasma

QCD vacuum
USE vacuum (elementary particles)

QED
USE quantum electrodynamics

QFD
USE quality function deployment

QFD (Qualitätsfunktion)
DEU for quality function deployment

QFD (Quality Function Deployment)
DUS für quality function deployment

QFP
USE electronics packaging

QFSK
USE frequency shift keying

QMF
USE quadrature mirror filters

QoS
USE quality of service

QPOs
USE quasi-periodic oscillations (astronomical)

QPSK
USE quadrature phase shift keying

QSAR
SY *quantitative structure-activity relationship*
RT biochemistry
molecular biophysics
DEU QSAR (Quantitative Structure-Activity Relationship)
DSY quantitative Beziehung von Struktur und Aktivität
quantitative Beziehung zwischen Struktur und Eigenschaften (QSAR)
Struktur-Aktivitätsbeziehung (QSAR)

QSAR (Quantitative Structure-Activity Relationship)
DEU for QSAR

QSOs
USE quasars

quad flat packs
USE electronics packaging

Quadratamplitudenmodulation
DEU for quadrature amplitude modulation

quadratic programming
BT nonlinear programming
DEU quadratische Programmierung (QP)

quadratische Programmierung (QP)
DEU for quadratic programming

Quadratmodulation
DUS für quadrature amplitude modulation

Quadratur-Mirror-Filter
DEU for quadrature mirror filters

Quadraturamplitudenmodulation
DUS für quadrature amplitude modulation

quadrature (numerical)
USE integration

quadrature amplitude modulation
BT amplitude modulation
SY *QAM*
PT amplitude modulation
RT amplitude shift keying
minimum shift keying
OFDM modulation
phase shift keying
DEU Quadratamplitudenmodulation
DSY Quadratmodulation
Quadraturamplitudenmodulation
Quadraturmodulation

quadrature frequency shift keying
USE frequency shift keying

quadrature mirror filters
BT digital filters
SY *QMF*
PT digital filters
filtering and prediction theory
two-dimensional digital filters
wave digital filters
RT encoding (general)
filtering theory
FIR filters
IIR filters
image coding
two-dimensional digital filters
wave digital filters
DEU Quadratur-Mirror-Filter

quadrature phase shift keying
BT phase shift keying
SY *QPSK*
Quaternary Phase-Shift Keying
PT phase shift keying
DEU Quadraturphasenumtastung
DSY Vierphasen-Modulation

Quadraturmodulation
DUS für quadrature amplitude modulation

Quadraturphasenumtastung
DEU for quadrature phase shift keying

quadrupole coupling
BT quadrupole interactions
SY *molecular nuclear quadrupole coupling constants*
UF *nuclear coupling, molecular / dipole coupling + quadrupole coupling + spin-spin coupling*
UF *Sternheimer shielding / dipole coupling + quadrupole coupling + spin-spin coupling*
PT molecular nuclear coupling
RT dipole coupling
hyperfine interactions
spin-spin coupling
DEU quadrupole Kopplung

quadrupole crystal field interactions
USE quadrupole interactions

quadrupole interactions
BT energy states
NT quadrupole coupling
SY *quadrupole crystal field interactions*
RT hyperfine interactions
Mossbauer effect
nuclear magnetic resonance
nuclear quadrupole resonance
quadrupole moments
DEU quadrupole Wechselwirkung

quadrupole Kopplung
DEU for quadrupole coupling

quadrupole lenses
USE electron lenses
+ electrostatic lenses
+ magnetic lenses

quadrupole mass analysers and filters
USE mass spectrometer accessories

quadrupole moments
PT electric moments
RT atomic moments
molecular moments
nuclear electric moment
nuclear quadrupole resonance
quadrupole interactions
DEU quadrupoles Moment

quadrupole Wechselwirkung
DEU for quadrupole interactions

quadrupoles Moment
DEU for quadrupole moments

quadtrees
BT tree data structures
trees (mathematics)
PT tree data structures
trees (mathematics)
RT computational geometry
computer graphics
image processing
octrees
DEU Viererbaum

qualifications
BT education
UF *National Vocational Qualification / qualifications + vocational training*
UF *NVQ / qualifications + vocational training*
RT professional aspects
standards
training
DEU Qualifikation

Qualifikation
DEU for qualifications

Qualitätsauszeichnung
DEU for quality awards

qualitätsbezogenen Funktionstauglichkeit (QFD)
DUS für quality function deployment

Qualitätserfahrung
DEU for quality of experience

Qualitätserlebnis
DUS für quality of experience

Qualitätsfunktionseinsatz
DUS für quality function deployment

Qualitätsfunktionsentfaltung
DUS für quality function deployment

Qualitätsfunktionsentwicklung
DUS für quality function deployment

Qualitätsfunktionsentwicklung (QFD)
DUS für quality function deployment

qualitätsgereches Design
DUS für design for quality

qualitätsgerechter Entwurf
DUS für design for quality

Qualitätsmanagement
DEU for quality management

Qualitätspraxis
DUS für quality of experience

Qualitätspreis
DUS für quality awards

Qualitätsregelkarte
DUS für control charts

Qualitätssicherung
DEU for quality assurance

Qualitätssteuerung und -regelung
DEU for quality control

Qualitätsweiterentwicklung
DUS für quality function deployment

qualitative reasoning
USE common-sense reasoning

quality assurance
BT quality management
NT nuclear reactor quality assurance
PT quality control
quality management
RT design for quality
product quality
software quality
DEU Qualitätssicherung

quality awards
BT quality management
PT quality control
quality management
DEU Qualitätsauszeichnung
DSY Qualitätspreis

quality control
BT quality management
NT Taguchi methods
UF *product control / production control + quality control*
SY *QC*
RT automatic test equipment
automatic testing
Bayes methods
certification
circuit reliability
contamination
coordinate measuring machines
correlation methods
decision theory
design for quality
design of experiments
errors
inspection
operations research
optimisation
process capability analysis
product liability
product quality
production
production control
project engineering
quality function deployment
reliability
six sigma (quality)
software quality
standardisation
standards
statistical analysis
statistical process control
telecommunication equipment
testing
testing
value engineering
DEU Qualitätssteuerung und -regelung

quality factor
USE Q-factor

quality function deployment
BT quality management
SY *QFD*
PT quality control
quality management
RT concurrent engineering
product development
quality control
DEU QFD (Qualitätsfunktion)
DSY QFD (Quality Function Deployment)
qualitätsbezogenen Funktionstauglichkeit (QFD)
Qualitätsfunktionseinsatz
Qualitätsfunktionsentfaltung
Qualitätsfunktionsentwicklung
Qualitätsfunktionsentwicklung (QFD)
Qualitätsweiterentwicklung
Quality Function Deployment (QFD)
Quality-Function-Deployment

Quality Function Deployment (QFD)
DUS für quality function deployment

quality management
BT management
NT continuous improvement
product quality
quality assurance
quality awards
quality control
quality function deployment
six sigma (quality)
total quality management
SY *poka-yoke*
PT management
quality control
RT certification
control charts
customer satisfaction
ISO standards
Pareto analysis
software quality
Taguchi methods
DEU Qualitätsmanagement

quality of experience
PT quality of service
RT consumer behaviour
customer satisfaction
human factors
Internet
Internet telephony
IP networks
IPTV
mobile radio
multimedia communication
quality of service
telecommunication services
television broadcasting
video streaming
DEU Qualitätserfahrung
DSY Qualitätserlebnis
Qualitätspraxis

quality of service
BT telecommunication services
SY *QoS*
PT telecommunication network management

telecommunication services
RT asynchronous transfer mode
audio streaming
broadband networks
computer network management
DiffServ networks
home networks
Internet
IntServ networks
IP networks
media streaming
multimedia communication
multiprotocol label switching
next generation networks
overlay networks
protocols
quality of experience
queueing theory
signalling protocols
statistical multiplexing
telecommunication computing
telecommunication congestion control
telecommunication network management
telecommunication network routing
telecommunication traffic
video streaming
virtual private networks
DEU Dienstequalität

Quality-Function-Deployment
DUS für quality function deployment

Quanten einschließender Stark-Effekt
DEU for quantum confined Stark effect

Quanten-Confined-Stark-Effect (QCSE)
DUS für quantum confined Stark effect

Quanten-Hall-Effekt
DEU for quantum Hall effect

Quantenchemie
DEU for quantum chemistry

Quantenchromodynamik
DEU for quantum chromodynamics

Quantencomputing
DEU for quantum computing

Quantendraht
DEU for quantum wires

Quanteneinschluss-Stark-Effekt
DUS für quantum confined Stark effect

Quantenelektrodynamik
DEU for quantum electrodynamics

Quantenfeldstreuungstheorie
DEU for quantum field theory of scattering

Quantenfeldtheorie
DEU for quantum field theory

Quantenfeldtheorie der Streuung
DUS für quantum field theory of scattering

Quantenfestkörper
DEU for quantum solids

Quantenflüssigkeit
DEU for quantum fluids

Quantengravitie
DEU for quantum gravity

Quanteninterferenzerscheinung
DEU for quantum interference phenomena

Quanteninterferenzgerät
DEU for quantum interference devices

Quanteninterferenzphänomen
DEU for quantum interference phenomena

Quantenkaskadenlaser
DEU for quantum cascade lasers

Quantenkommunkation
DEU for quantum communication

Quantenkosmologie
DEU for quantum cosmology

Quantenkryptografie
DEU for quantum cryptography

Quantenkryptographie
DUS für quantum cryptography

Quantenmechanik
DEU for quantum mechanics

Quantenoptik
DEU for quantum optics

Quantenpunkt
DEU for quantum dots

Quantenpunktkontakt
DEU for quantum point contacts

Quantenpunktlaser
DEU for quantum dot lasers

Quantenrauschen
DEU for quantum noise

Quantenschwere
DUS für quantum gravity

quantenstatistische Mechanik
DEU for quantum statistical mechanics

Quantenstrichlaser
DEU for quantum dash lasers

Quantentakt-Spektroskopie
DEU for quantum beat spectroscopy

Quantentaktspektroskopie
DUS für quantum beat spectroscopy

Quantentaktspektrum
DEU for quantum beat spectra

Quantentheorie
DEU for quantum theory

Quantentheorieanwendung
DUS für quantum theory applications

Quantentopf
DEU for quantum wells

Quantentopfgerät
DEU for quantum well devices

Quantentopflaser
DEU for quantum well lasers

Quantentor
DEU for quantum gates

Quantenverschränkung
DEU for quantum entanglement

quantisation
USE quantisation (quantum theory)
\+ quantisation (signal)

quantisation (quantum theory)
BT quantum theory
UF *quantisation / quantisation (quantum theory) + quantisation (signal)*
UF *quantization / quantisation (quantum theory) + quantisation (signal)*
PT quantisation
RT quantum interference phenomena
DEU Quantisierung (Quantentheorie)

quantisation (signal)
BT analogue-digital conversion
NT vector quantisation
UF *quantisation / quantisation (quantum theory) + quantisation (signal)*
UF *quantization / quantisation (quantum theory) + quantisation (signal)*
PT analogue-digital conversion
RT data compression
signal processing
DEU Signalquantisierung

quantised Hall effect
USE quantum Hall effect

Quantisierung (Quantentheorie)
DEU for quantisation (quantum theory)

quantitative analysis
USE chemical analysis

quantitative Beziehung von Struktur und Aktivität
DUS für QSAR

quantitative Beziehung zwischen Struktur und Eigenschaften (QSAR)
DUS für QSAR

quantitative structure-activity relationship
USE QSAR

quantity surveying
BT surveying
PT construction industry
RT architecture
construction
materials requirements planning
project management
DEU Kalkulation (Fertigung)
DSY Mengenprüfung
Mengenüberwachung

quantization
USE quantisation (quantum theory)
\+ quantisation (signal)

quantum beat spectra
BT spectra (general)
PT spectra
RT excitons
high-speed optical techniques
nonlinear optics
quantum beat spectroscopy
DEU Quantentaktspektrum

quantum beat spectroscopy
BT spectroscopy
PT spectroscopy
RT quantum beat spectra
DEU Quantentakt-Spektroskopie
DSY Quantentaktspektroskopie

quantum boxes, semiconductor
USE semiconductor quantum dots

quantum cascade lasers
BT quantum well lasers
PT quantum well lasers
RT semiconductor superlattices
DEU Quantenkaskadenlaser

quantum chemistry
BT physical chemistry
RT chemical reactions
perturbation theory
potential energy surfaces
pseudopotential methods
quantum statistical mechanics
quantum theory
reaction kinetics
wave functions
DEU Quantenchemie

quantum chromodynamics
BT colour model
SY *QCD*
PT colour model
RT gluon-gluon interactions
gluon-gluon scattering
gluons
quark confinement
quark-gluon interactions
quark-gluon plasma
quark-gluon scattering
quarks (elementary particle)
skyrmions
standard model
vacuum (elementary particles)
DEU Quantenchromodynamik

quantum communication
BT telecommunication
NT quantum cryptography
PT information theory
quantum theory
RT channel capacity
information theory
optical communication
quantum computing
quantum entanglement
quantum optics
quantum theory
telecommunication channels
teleportation
DEU Quantenkommunkation

quantum computing
NT quantum gates
PT computation theory
quantum theory
RT computation theory
quantum communication
quantum entanglement
quantum theory
DEU Quantencomputing

quantum confined Stark effect
BT Stark effect
PT Stark effect
RT electro-optical devices
electro-optical modulation
excitons
semiconductor quantum wells
DEU Quanten einschließender Stark-Effekt
DSY Quanten-Confined-Stark-Effect (QCSE)
Quanteneinschluss-Stark-Effekt

quantum control systems
USE discrete systems

quantum cosmology
BT cosmology
quantum gravity
PT cosmology
quantum gravity
RT quantum theory
DEU Quantenkosmologie

quantum counters
USE photon counting

quantum cryptography
BT cryptography
quantum communication
SY *quantum keys*
PT cryptography
quantum theory
RT information theory
optical communication
quantum optics

quantum theory
DEU Quantenkryptografie
DSY Quantenkryptographie

quantum crystals
USE quantum solids

quantum dash lasers
BT semiconductor lasers
PT semiconductor lasers
RT quantum dot lasers
quantum well lasers
DEU Quantenstrichlaser

quantum dot lasers
BT quantum dots
semiconductor lasers
PT quantum well lasers
semiconductor quantum dots
RT quantum dash lasers
quantum well lasers
semiconductor quantum dots
DEU Quantenpunktlaser

quantum dots
NT quantum dot lasers
semiconductor quantum dots
SY *antidots*
RT quantum wells
quantum wires
self-assembly
DEU Quantenpunkt

quantum electrodynamics
BT gauge field theory
NT experimental tests of quantum electrodynamics
SY *Furry theorem*
QED
vacuum polarisation
RT Casimir effect
dyons
electrodynamics
electromagnetism
electron theory
Feynman diagrams
quantum optics
relativistic corrections
DEU Quantenelektrodynamik

quantum electronics
USE quantum optics

quantum entanglement
BT quantum theory
SY *entangled states*
RT Bell theorem
EPR paradox
quantum communication
quantum computing
quantum optics
teleportation
DEU Quantenverschränkung

quantum field theory
NT axiomatic field theory
Bethe-Salpeter equation
conformal field theory
elementary particle coupling constants
Feynman diagrams
finite temperature field theory
gauge field theory
Lagrangian field theory
Lee model
meson field theory
noncommutative field theory
nonlinear field theory
quantum field theory of scattering
quantum gravity
Reggeon field theory
relativistic quantum field theory
Schwinger source theory
supersymmetric field theory
SY *field theory, quantum*
UF *vacuum energy / quantum field theory + vacuum (elementary particles)*
RT bootstrapping
bound states
Casimir effect
classical field theory
collision processes
current algebra
dispersion relations
elementary particle theory
elementary particles
Green's function methods
Lie groups
light cones
mass formulae
perturbation theory
physics fundamentals
Pomeranchuk poles
Pomeranchuk trajectories
Pomerons
quantum theory
Regge poles
Regge trajectories
renormalisation
scaling phenomena
spontaneous symmetry breaking
supersymmetry
unified field theories
vacuum (elementary particles)
DEU Quantenfeldtheorie

quantum field theory of scattering
BT quantum field theory
DEU Quantenfeldstreuungstheorie
DSY Quantenfeldtheorie der Streuung

quantum fluids
BT fluids
NT boson systems
fermion systems
liquid helium
spin polarised atomic hydrogen
RT quantum statistical mechanics
superfluidity
DEU Quantenflüssigkeit

quantum gates
BT logic gates
quantum computing
PT logic gates
quantum theory
RT quantum interference devices
quantum theory
DEU Quantentor

quantum generators (optical)
USE lasers

quantum gravity
BT gravitation
quantum field theory
NT quantum cosmology
supergravity
SY *quantum theory of gravitation*
PT quantum field theory of gravitation
RT elementary particle gravitational interactions
gravitons
holographic principle
space-time configurations
DEU Quantengravitie
DSY Quantenschwere

quantum groups
USE group theory
\+ quantum theory

quantum Hall effect
BT Hall effect
SY *quantised Hall effect*
PT Hall effect
RT composite fermions
inversion layers
quantum interference phenomena
semiconductor superlattices
skyrmions
topological insulators
two-dimensional hole gas
DEU Quanten-Hall-Effekt

quantum interference devices
NT electron waveguides
single electron devices
SQUIDs
SY *quantum waveguide devices*
RT carbon nanotube field effect transistors
Coulomb blockade
high electron mobility transistors
hot electron transistors
nanoelectronics
quantum gates
quantum interference phenomena
quantum point contacts
quantum well devices
resonant tunnelling devices
resonant tunnelling diodes
semiconductor quantum wells
tunnel diodes
DEU Quanteninterferenzgerät

quantum interference devices, superconducting
USE SQUIDs

quantum interference phenomena
NT Coulomb blockade
persistent currents
quantum point contacts
resonant tunnelling
weak localisation
RT Aharonov-Bohm effect
ballistic transport
electron waveguides
light interference
mesoscopic systems
quantisation (quantum theory)
quantum Hall effect
quantum interference devices
quantum optics
quantum theory
semiconductor quantum dots
semiconductor quantum wells
semiconductor quantum wires
size effect
tunnelling
DEU Quanteninterferenzphänomen

quantum keys
USE quantum cryptography

quantum mechanics
USE quantum theory
DEU Quantenmechanik

quantum noise
BT noise
quantum theory
PT noise
quantum theory
RT optical noise
random noise
DEU Quantenrauschen

quantum numbers
USE quantum theory

quantum optics
BT optics
NT Jaynes-Cummings model
optical squeezing
photon antibunching
photon counting
SY *quantum electronics*
RT atom lasers
atom optics
Berry phase
Bose-Einstein condensation
dark states
dressed states
holography
homodyne detection
laser beams
laser cooling
laser theory
lasers
light coherence
masers
optical bistability
optical chaos
photon collisions
photonic band gap
quantum communication
quantum cryptography
quantum electrodynamics
quantum entanglement
quantum interference phenomena
slow light
stimulated emission
teleportation
DEU Quantenoptik

quantum point contacts
BT point contacts
quantum interference phenomena
PT point contacts
quantum interference phenomena
RT nanocontacts
quantum interference devices
DEU Quantenpunktkontakt

quantum size effect
USE size effect

quantum solids
BT solids
NT solid helium
SY *quantum crystals*
PT quantum statistical mechanics
RT quantum statistical mechanics
solid hydrogen
DEU Quantenfestkörper

quantum statistical mechanics
BT quantum theory
statistical mechanics
NT anyons
Bose-Einstein condensation
jellium
SY *Bethe-Uhlenbeck equations*
UF *Bose-Einstein statistics / boson systems + quantum statistical mechanics*
UF *Fermi-Dirac statistics / fermion systems + quantum statistical mechanics*
SY *quantum statistics*
RT boson systems
bosons
fermion systems
fermions
liquid helium
many-body problems
quantum chemistry
quantum fluids
quantum solids
DEU quantenstatistische Mechanik

quantum statistics
USE quantum statistical mechanics

quantum teleportation
USE teleportation

quantum theory
NT Aharonov-Bohm effect
angular momentum theory
Bell theorem
Berry phase
Clebsch-Gordan coefficients
complementarity
correspondence principle
EPR paradox
indeterminancy
quantisation (quantum theory)
quantum entanglement
quantum noise
quantum statistical mechanics
quantum theory applications

relativistic quantum mechanics
spin Hamiltonians
supersymmetric quantum mechanics
wave mechanics
SY *Hellman-Feynman theorem*
hypervirial theorem
UF *quantum groups / group theory + quantum theory*
SY *quantum mechanics*
quantum numbers
RT bound states
classical mechanics
electron theory
elementary particles
harmonic oscillators
Hilbert spaces
many-body problems
mechanics
parity
perturbation theory
physics fundamentals
quantum chemistry
quantum communication
quantum computing
quantum cosmology
quantum cryptography
quantum field theory
quantum gates
quantum interference phenomena
Schrodinger equation
spin
statistical mechanics
teleportation
DEU Quantentheorie

quantum theory applications
BT quantum theory
DEU Anwendungen der Quantentheorie
DSY Quantentheorieanwendung

quantum theory of gravitation
USE quantum gravity

quantum vacuum
USE vacuum (elementary particles)

quantum waveguide devices
USE quantum interference devices

quantum well devices
BT quantum wells
NT quantum well lasers
PT semiconductor quantum wells
RT electro-optical modulation
infrared detectors
quantum interference devices
resonant tunnelling devices
semiconductor devices
semiconductor quantum wells
DEU Quantentopfgerät

quantum well lasers
BT quantum well devices
semiconductor lasers
NT quantum cascade lasers
SY *MQW lasers*
multiple quantum well lasers
UF *quantum wire lasers / quantum well lasers + semiconductor quantum wires*
SY *semiconductor quantum well lasers*
PT semiconductor lasers
RT microcavity lasers
microdisc lasers
quantum dash lasers
quantum dot lasers
semiconductor optical amplifiers
semiconductor quantum wells
DEU Quantentopflaser

quantum wells
BT multilayers
NT quantum well devices
semiconductor quantum wells
SY *multiple quantum well structures*
RT magnetic multilayers
periodic structures
quantum dots
quantum wires
superlattices
DEU Quantentopf

quantum wire lasers
USE quantum well lasers
\+ semiconductor quantum wires

quantum wires
NT semiconductor quantum wires
RT nanowires
quantum dots
quantum wells
wires (general)
DEU Quantendraht

Quark (Elementarpartikel)
DEU for quarks (elementary particle)

Quark (Elementarteilchen)
DUS für quarks (elementary particle)

quark confinement
NT bag model
UF *glueballs / colour model + meson resonances + quark confinement*

UF *gluonia / colour model + meson resonances + quark confinement*
PT quantum field theory of interactions
quarks
RT gluons
quantum chromodynamics
quark models
quark-gluon plasma
quarks (elementary particle)
DEU Quark-Einschluss

quark decay
BT elementary particle decay
PT elementary particle decay
quarks
RT quarks (elementary particle)
DEU Quark-Zerfall

quark mass
BT elementary particle mass
PT elementary particle mass
quarks
RT quarks (elementary particle)
DEU Quark-Masse

quark matter
BT nuclear matter
PT nuclear matter
RT quark-gluon plasma
DEU Quark-Materie

quark models
BT composite hadrons
NT bag model
colour model
flavour model
heavy quark effective theory
SY *constituent interchange model*
UF *quark-parton model / parton model + quark models*
PT composite models of hadrons
quarks
RT beauty particles
charm particles
electron-quark interactions
electron-quark scattering
quark confinement
quark-antiquark interactions
quark-antiquark scattering
quark-hadron interactions
quark-hadron scattering
quark-quark interactions
quark-quark scattering
quarks (elementary particle)
string theory
DEU Quark-Modell

quark production
RT quarks (elementary particle)
DEU Quark-Produktion

quark-antiquark interactions
BT elementary particle interactions
PT elementary particle interactions
RT quark models
quark-antiquark scattering
DEU Quark-Antiquark-Wechselwirkung

quark-antiquark scattering
BT elementary particle scattering
PT elementary particle scattering
RT quark models
quark-antiquark interactions
DEU Quark-Antiquark-Streuung

Quark-Antiquark-Streuung
DEU for quark-antiquark scattering

Quark-Antiquark-Wechselwirkung
DEU for quark-antiquark interactions

Quark-Einschluss
DEU for quark confinement

quark-gluon interactions
BT elementary particle interactions
PT colour model
elementary particle interactions
RT colour model
quantum chromodynamics
quark-gluon scattering
DEU Quark-Gluon-Wechselwirkung

quark-gluon plasma
BT nuclear matter
SY *gluon plasma*
QCD plasma
PT nuclear matter
RT colour model
gluons
nuclear phase transformations
quantum chromodynamics
quark confinement
quark matter
quarks (elementary particle)
DEU Quark-Gluon-Plasma

quark-gluon scattering
BT elementary particle scattering
PT colour model
elementary particle scattering
RT colour model
quantum chromodynamics
quark-gluon interactions
DEU Quark-Gluon-Streuung

Quark-Gluon-Plasma
DEU for quark-gluon plasma

Quark-Gluon-Streuung
DEU for quark-gluon scattering

Quark-Gluon-Wechselwirkung
DEU for quark-gluon interactions

quark-hadron interactions
BT elementary particle interactions
PT elementary particle interactions
RT quark models
quark-hadron scattering
DEU Quark-Hadron-Wechselwirkung

quark-hadron scattering
BT elementary particle scattering
PT elementary particle scattering
RT quark models
quark-hadron interactions
DEU Quark-Hadron-Streuung

Quark-Hadron-Streuung
DEU for quark-hadron scattering

Quark-Hadron-Wechselwirkung
DEU for quark-hadron interactions

Quark-Masse
DEU for quark mass

Quark-Materie
DEU for quark matter

Quark-Modell
DEU for quark models

quark-parton model
USE parton model
\+ quark models

Quark-Produktion
DEU for quark production

quark-quark interactions
BT elementary particle interactions
PT elementary particle interactions
RT quark models
quark-quark scattering
DEU Quark-Quark-Wechselwirkung

quark-quark scattering
BT elementary particle scattering
PT elementary particle scattering
RT quark models
quark-quark interactions
DEU Quark-Quark-Streuung

Quark-Quark-Streuung
DEU for quark-quark scattering

Quark-Quark-Wechselwirkung
DEU for quark-quark interactions

Quark-Zerfall
DEU for quark decay

quarkonium
USE meson resonances

quarks (elementary particle)
BT fermions
RT colour model
quantum chromodynamics
quark confinement
quark decay
quark mass
quark models
quark production
quark-gluon plasma
DEU Quark (Elementarpartikel)
DSY Quark (Elementarteilchen)

quarries
USE quarrying industry

quarrying industry
BT industries
SY *quarries*
PT mineral processing industry
mining
RT geotechnical engineering
geotechnical structures
mineral processing
mineral processing industry
minerals
mining
natural resources
rocks
sand
screening equipment (materials processing)
DEU Aufbereitungindustrie

quarter-wave plates
USE optical retarders

quartz
BT materials
minerals
silicon compounds
RT crystal resonators
optical materials
piezoelectric materials
quartz crystal microbalances
DEU Quarz

quartz crystal microbalances
BT microbalances
PT microbalances
RT biosensors
chemical sensors
crystal resonators
gas sensors
microsensors
quartz
DEU Quarzkristallmikrowaage

quartz crystal resonators
USE crystal resonators

quartz oscillators
USE crystal oscillators

quartz resonators
USE crystal resonators

Quarz
DEU for quartz

Quarzkristall-Resonator
DUS für crystal resonators

Quarzkristallmikrowaage
DEU for quartz crystal microbalances

Quarzkristallresonator
DUS für crystal resonators

Quarzkristallschwinger
DUS für crystal resonators

Quarzoszillator
DUS für crystal oscillators

Quarzresonator
DUS für crystal resonators

Quarzschwinger
DUS für crystal resonators

Quasar
DEU for quasars

quasars
BT radiosources (astronomical)
UF *blazars / BL Lac-type objects + quasars*
SY *QSOs*
quasi-stellar objects
quasi-stellar sources
UF *superluminal motion / galactic nuclei + quasars + radiogalaxies*
RT accretion disks
active galaxies
astrophysical jets
cosmology
galactic nuclei
gravitational lenses
radiogalaxies
DEU Quasar

quasi-cyclic codes
USE cyclic codes

quasi-elastic scattering
BT quasi-free reactions
PT direct nuclear reactions and scattering
DEU quasi-elastische Streuung

quasi-elastische Streuung
DEU for quasi-elastic scattering

quasi-free reactions
BT direct reactions
NT quasi-elastic scattering
PT direct nuclear reactions and scattering
DEU quasifreie Reaktion

quasi-one-dimensional conductors
USE one-dimensional conductivity

quasi-particles
DEU Quasi-Partikel
DSY Quasi-Teilchen

Quasi-Partikel
DEU for quasi-particles

quasi-periodic oscillations (astronomical)
BT stellar radiation
SY *QPOs*
PT stellar radiation
RT accretion
accretion disks
black holes
neutron stars
X-ray binary stars
DEU astronomische quasi-periodische Oszillation
DSY astronomische quasi-periodische Schwingung
quasi-periodische Oszillation (astronomisch)
quasi-periodische Schwingung (astronomisch)

quasi-periodische Oszillation (astronomisch)
DUS für quasi-periodic oscillations (astronomical)

quasi-periodische Schwingung (astronomisch)
DUS für quasi-periodic oscillations (astronomical)

quasi-resonant invertors
USE resonant invertors

quasi-resonant power convertors
USE resonant power convertors

quasi-stellar objects
USE quasars

quasi-stellar sources
USE quasars

Quasi-Teilchen
DUS für quasi-particles

quasibound states
USE bound states

quasicrystals
SY *icosahedral phase*
Penrose tiling
RT crystal symmetry
Fibonacci sequences
solid structure
DEU Quasikristall

quasifreie Reaktion
DEU for quasi-free reactions

Quasikristall
DEU for quasicrystals

quasimolecules
BT molecules
SY *collision complexes*
Van der Waals molecules
PT atomic forces
molecules
van der Waals forces
RT atomic forces
collision processes
DEU Quasimolekül

Quasimolekül
DEU for quasimolecules

quasiparticle-phonon model
BT nuclear collective model
PT nuclear collective model
RT giant resonances
nuclear collective states
DEU Quasipartikel-Phononen-Modell
DSY Quasiteilchen-Phononen-Modell

quasiparticles
NT anyons
PT quasi-particles
RT d-wave superconductivity
excitons
Fermi liquid
helicons
magnons
phonons
plasmons
polaritons
polarons
ripplons
rotons
solitons
DEU Quasipartikel
DSY Quasiteilchen

Quasipartikel
DEU for quasiparticles

Quasipartikel-Phononen-Modell
DEU for quasiparticle-phonon model

Quasiteilchen
DUS für quasiparticles

Quasiteilchen-Phononen-Modell
DUS für quasiparticle-phonon model

Quaternary Phase-Shift Keying
USE quadrature phase shift keying

Quecksilber
DEU for mercury (metal)

Quecksilberdampfgleichrichter
DEU for mercury arc rectifiers

Quecksilberdampflampe
DEU for mercury vapour lamps

Quecksilberlegierung
DEU for mercury alloys

Quecksilberverbindung
DEU for mercury compounds

Quellcode (Software)
DEU for source code (software)

Quellencodierung
DEU for source coding

Quellenseparierung
DEU for source separation

Quellung
DEU for swelling

quench hardening
BT hardening
quenching (thermal)
PT hardness
quenching (thermal)
DEU Abschreckhärten

quenching (optical)
USE radiation quenching

quenching (thermal)
BT cooling
heat treatment
NT quench hardening
splat cooling
SY *thermal quenching*
PT cooling
heat treatment of alloys
heat treatment
RT melt spinning
DEU Abschrecken (Metallurgie)

Querstreckdehnungsmaterial
DUS für auxetics

Querstreckdehnungswerkstoff
DUS für auxetics

Quertransportpresse
DUS für presses

query answering
USE query processing

query formulation
BT information retrieval
SY *search strategies*
PT information retrieval
RT question answering (information retrieval)
DEU Frageformulierung

query languages
BT database languages
NT DATALOG
SQL
UF *data querying / query languages + query processing*
UF *database querying / query languages + query processing*
UF *fourth-generation languages / application generators + database management systems + high level languages + programming environments + query languages + report generators + simulation languages + specification languages*
SY *information retrieval languages*
PT high level languages
RT database management systems
formal languages
information retrieval
natural languages
programming languages
query processing
specification languages
DEU Abfragesprache
DSY Recherchesprache

query optimisation
USE query processing

query processing
BT information retrieval
NT content-based retrieval
image retrieval
UF *data querying / query languages + query processing*
UF *database querying / query languages + query processing*
SY *query answering*
query optimisation
PT information retrieval
RT data integration
database management systems
database theory
DATALOG
query languages
question answering (information retrieval)
DEU Abfrageverarbeitung
DSY Recherchefragenverarbeitung

Querzugdehnungsmaterial
DUS für auxetics

Querzugdehnungswerkstoff
DUS für auxetics

question answering (information retrieval)
BT information retrieval
RT collaborative filtering

computational linguistics
computer aided instruction
information filtering
information filters
Internet
natural language interfaces
natural language processing
query formulation
query processing
search engines
text analysis
DEU Frage-Antwort (Informationsrecherche)

queueing theory
BT random processes
UF *active queue management / queueing theory + telecommunication congestion control + telecommunication network management*
SY *queuing theory*
server systems
RT exponential distribution
operations research
performance evaluation
probability
quality of service
software performance evaluation
statistical analysis
statistics
stochastic processes
telecommunication congestion control
DEU Bedienungstheorie

queuing theory
USE queueing theory

QWITT diodes
USE microwave diodes
\+ millimetre wave diodes
\+ transit time devices
\+ UHF diodes

R and D
USE research and development

R and D management
USE research and development management

R CMa stars
USE eclipsing binary stars

R CrB stars
USE supergiant stars
\+ variable stars

R waves
USE Rayleigh waves

R-centers
USE R-centres

R-centres
BT F-centres
SY *F3-centers*
F3-centres
R-centers
PT F-centres
DEU R-Zentrum

r-centroids
USE vibrational states

R-DAT
USE digital audio tape

R-parity
USE conservation laws

R-type stars
USE giant stars

R-Zentrum
DEU for R-centres

Ra (chemical element)
USE radium
DEU Ra (chemisches Element)

Ra (chemisches Element)
DEU for Ra (chemical element)

Racah coefficients
USE angular momentum theory

race conditions
USE hazards and race conditions

raceways, cable
USE electric conduits

racial stereotyping
USE prejudicial factors

racism
USE prejudicial factors

Rad
DEU for wheels

radar
NT adaptive radar
airborne radar
CW radar
Doppler radar
FM radar
ground penetrating radar
marine radar
meteorological radar
military radar
millimetre wave radar
MIMO radar
optical radar
passive radar
phased array radar
radar absorbing materials
radar altimetry
radar applications
radar astronomy
radar computing
radar cross-sections
radar detection
radar equipment
radar interference
radar interferometry
radar polarimetry
radar signal processing
radar target recognition
radar theory
radar tracking
remote sensing by radar
road vehicle radar
search radar
spaceborne radar
spread spectrum radar
submillimetre wave radar
synthetic aperture radar
ultra wideband radar
RT array signal processing
backscatter
Doppler effect
echo
electronic countermeasures
electronic warfare
frequency agility
height measurement
jamming
military equipment
radio applications
space communication links
surveillance
tracking
DEU Radar (allgemein)

Radar (allgemein)
DEU for radar

radar absorbing materials
BT absorbing media
materials
radar
PT microwave materials
RT electromagnetic wave absorption
electromagnetic wave scattering
microwave materials
millimetre wave materials
radar cross-sections
DEU radar-absorbierender Werkstoff
DSY radar-absorbierendes Material
radarabsorbierender Werkstoff
radarabsorbierendes Material
Radarstrahlenabsorbermaterial
Radarstrahlenabsorberwerkstoff

radar altimeters
USE radar altimetry

radar altimetry
BT height measurement
radar
SY *radar altimeters*
PT height measurement
radioaltimeters
RT radioaltimeters
sea level
DEU Radarhöhenmessung

radar antennas
BT antennas
radar equipment
RT adaptive radar
aircraft antennas
bow-tie antennas
lens antennas
millimetre wave radar
MIMO radar
phased array radar
radar cross-sections
space vehicle antennas
space-time adaptive processing
submillimetre wave radar
ultra wideband antennas
DEU Radarantenne

radar applications
BT radar
RT air traffic control
marine radar
military radar
millimetre wave radar
navigation
radar polarimetry

radar target recognition
radar tracking
radio applications
remote sensing by radar
road vehicle radar
submillimetre wave radar
DEU Radaranwendung

radar astronomy
BT astronomy
radar
PT radioastronomy
RT planetary remote sensing
radar imaging
radioastronomical techniques
radioastronomy
DEU Radarastronomie

radar clutter
BT clutter
radar interference
RT radar displays
space-time adaptive processing
ultra wideband radar
DEU Clutter (Radar)
DSY Radarecho (Störung)

radar computing
BT electrical engineering computing
radar
PT electrical engineering computing
telecommunications computing
RT military computing
telecommunication computing
DEU Computeranwendung im Radar
DSY Radar-Computeranwendung
Radar-Rechneranwendung
Radarcomputeranwendung
Radarrechneranwendung
Rechneranwendung im Radar

radar countermeasures
USE electronic countermeasures

radar cross-sections
BT radar
SY *radar echo areas*
PT radar cross sections
RT backscatter
electromagnetic wave scattering
radar absorbing materials
radar antennas
Rayleigh scattering
rough surfaces
DEU Radarüberschneidung

radar detection
BT radar
signal detection
PT signal detection
RT ground penetrating radar
marine radar
military radar
MIMO radar
object detection
passive radar
radar receivers
radar resolution
radar signal processing
radar target recognition
radar tracking
search radar
space-time adaptive processing
ultra wideband radar
DEU Radardetektion

radar displays
BT display instrumentation
radar equipment
SY *displays, radar*
RT cathode-ray tubes
fluorescent screens
radar clutter
DEU Radaranzeige
DSY Radaranzeigebildschirm
Radarbildschirm

radar echo areas
USE radar cross-sections

radar equipment
BT radar
NT radar antennas
radar displays
radar receivers
radar transmitters
RT directional couplers
marine radar
microwave filters
microwave oscillators
military equipment
radio equipment
DEU Radarausrüstung

radar imaging
BT image processing
imaging
radar signal processing
RT ground penetrating radar
landmine detection
microwave imaging
millimetre wave imaging
millimetre wave radar
passive radar

radar astronomy
radar interferometry
radar polarimetry
radar resolution
radar target recognition
radiofrequency imaging
remote sensing by radar
submillimetre wave radar
synthetic aperture radar
ultra wideband radar
DEU Radarabbildung
DSY Radarbilderzeugung
Radarbildgebung

radar interference
BT radar
radiofrequency interference
NT radar clutter
PT interference
DEU Radarinterferenz

radar interferometry
BT radar
radiowave interferometry
UF *InSAR / radar interferometry + synthetic aperture radar*
UF *interferometric synthetic aperture radar / radar interferometry + synthetic aperture radar*
PT radiowave interferometry
RT geophysical techniques
radar imaging
remote sensing by radar
spaceborne radar
synthetic aperture radar
DEU Radarinterferometrie

radar measurement
BT measurement
DEU Radarmessung

Radar mit synthetischer Apertur
DEU for synthetic aperture radar

radar navigation
USE radionavigation

radar polarimetry
BT polarimetry
radar
SY *polarimetric radar*
PT polarimetry
RT electromagnetic wave polarisation
radar applications
radar imaging
remote sensing by radar
synthetic aperture radar
DEU Radarpolarimetrie

radar receivers
BT radar equipment
receivers
RT matched filters
radar detection
radio equipment
DEU Radarempfänger

radar remote sensing
USE remote sensing by radar

radar resolution
BT radar signal processing
signal resolution
PT image resolution
radar imaging
radar signal processing
signal resolution
RT image resolution
radar detection
radar imaging
DEU Radarauflösung

radar signal processing
BT radar
signal processing
NT radar imaging
radar resolution
PT signal processing
RT adaptive radar
chirp modulation
MIMO radar
passive radar
pulse compression
radar detection
radar target recognition
space-time adaptive processing
ultra wideband radar
DEU Radarsignalverarbeitung

radar stations
DEU Radarstation

radar target recognition
BT pattern recognition
radar
RT image recognition
marine radar
military radar
object recognition
radar applications
radar detection
radar imaging
radar signal processing
radar tracking
DEU Radarzielerkennung

radar target tracking
USE radar tracking
\+ target tracking

radar telescopes
USE radiotelescopes

radar theory
BT radar
DEU Radarsystem

radar tracking
BT radar
tracking
UF *radar target tracking / radar tracking + target tracking*
PT tracking systems
tracking
RT marine radar
military radar
object tracking
passive radar
radar applications
radar detection
radar target recognition
target tracking
DEU Radarverfolgung

radar transmitters
BT radar equipment
transmitters
DEU Radarübertrager

radar-absorbierender Werkstoff
DEU for radar absorbing materials

radar-absorbierendes Material
DUS für radar absorbing materials

Radar-Computeranwendung
DUS für radar computing

Radar-Rechneranwendung
DUS für radar computing

Radarabbildung
DEU for radar imaging

radarabsorbierender Werkstoff
DUS für radar absorbing materials

radarabsorbierendes Material
DUS für radar absorbing materials

Radarantenne
DEU for radar antennas

Radaranwendung
DEU for radar applications

Radaranzeige
DEU for radar displays

Radaranzeigebildschirm
DUS für radar displays

Radarastronomie
DEU for radar astronomy

Radarauflösung
DEU for radar resolution

Radarausrüstung
DEU for radar equipment

Radarbilderzeugung
DUS für radar imaging

Radarbildgebung
DUS für radar imaging

Radarbildschirm
DUS für radar displays

Radarcomputeranwendung
DUS für radar computing

Radardetektion
DEU for radar detection

Radarecho (Störung)
DUS für radar clutter

Radarempfänger
DEU for radar receivers

Radarfernerkundung
DUS für remote sensing by radar

Radarfernmessung
DUS für remote sensing by radar

Radarhöhenmessung
DEU for radar altimetry

Radarinterferenz
DEU for radar interference

Radarinterferometrie
DEU for radar interferometry

Radarmessung
DEU for radar measurement

Radarpolarimetrie
DEU for radar polarimetry

Radarrechneranwendung
DUS für radar computing

Radarsignalverarbeitung
DEU for radar signal processing

Radarstation
DEU for radar stations

Radarstrahlenabsorbermaterial
DUS für radar absorbing materials

Radarstrahlenabsorberwerkstoff
DUS für radar absorbing materials

Radarsystem
DEU for radar theory

Radarüberschneidung
DEU for radar cross-sections

Radarübertrager
DEU for radar transmitters

Radarverfolgung
DEU for radar tracking

Radarzielerkennung
DEU for radar target recognition

radial basis function networks
BT feedforward neural nets
SY *RBF networks*
PT feedforward neural nets
RT learning (artificial intelligence)
DEU strahlenbasiertes Funktionennetz

radiance
USE brightness

radiant heat transfer
USE heat radiation

radiation
NT atmospheric radiation
beta-rays
cathode rays
cosmic background radiation
electromagnetic waves
stellar radiation
RT acoustic radiators
acoustic waves
astrophysical radiation
mechanisms
radiation effects
radiative transfer
DEU Strahlung
DSY Wärmeübergang (Thermophysik)

radiation belts
BT magnetosphere
SY *proton belt*
Van Allen radiation belts
RT atmospheric elementary particle precipitation
atmospheric ion precipitation
DEU Strahlungsgürtel

radiation biology
USE biological effects of radiation

radiation chemistry
BT physical chemistry
radiation effects
NT photolysis
radiolysis
SY *chemical effects of radiation*
RT chemical reactions
nuclear chemistry
radiochemistry
DEU Strahlenchemie
DSY Strahlungschemie

radiation counters
USE counters

radiation damage
USE radiation effects

radiation decontamination
BT decontamination
NT contaminated site remediation
RT nuclear facility decommissioning
radiation protection
radioactive waste
DEU Strahlendekontamination
DSY Strahlungsdekontamination

radiation detection
BT measurement
NT alpha-particle detection
beta-ray detection
coincidence techniques
electron detection
gamma-ray detection
hyperon detection
meson detection
muon detection
neutrino detection
neutron detection
particle calorimetry
proton detection
radioactivity measurement

X-ray detection
PT radiation detection and measurement
RT dosimetry
electron multiplier detectors
explosive detection
germanium radiation detectors
particle detectors
pyroelectric detectors
silicon radiation detectors
streak cameras
superconducting particle detectors
DEU Strahlungsdetektion

radiation detectors
USE particle detectors

radiation dosimetry
USE dosimetry

radiation effects
NT acoustic wave effects
alpha-particle effects
beta-ray effects
biological effects of radiation
deuteron effects
electron beam effects
gamma-ray effects
hyperon effects
ion beam effects
irradiation induced creep
laser beam effects
meson effects
neutron effects
radiation chemistry
radiation hardening
radiation hardening (electronics)
ultraviolet radiation effects
X-ray effects
SY *damage, radiation*
irradiation effects
UF *particle scattering / collision processes + energy loss of particles + particle backscattering + particle beams + potential scattering + radiation effects + transport processes*
SY *radiation damage*
UF *thermal spikes / crystal defects + radiation effects*
RT atmospheric radioactivity
dosimeters
energy loss of particles
environmental degradation
incoherent light annealing
radiation
radiation protection
recovery
spacecraft charging
Staebler-Wronski effect
voids (solid)
DEU Strahlenwirkung
DSY Strahlungswirkung

radiation embrittlement
USE embrittlement
\+ radiation hardening
DEU Strahlenversprödung

radiation hardening
BT hardening
radiation effects
UF *radiation embrittlement / embrittlement + radiation hardening*
RT radiation hardening (electronics)
DEU Strahlungshärten

radiation hardening (electronics)
BT radiation effects
SY *single event upset*
soft errors (circuits)
PT electromagnetic compatibility
integrated circuits
radiation effects
semiconductor devices
RT electromagnetic compatibility
integrated circuits
radiation hardening
semiconductor devices
DEU Strahlenhärten (Elektronik)
DSY Strahlungshärten (Elektronik)

radiation injuries
USE biological effects of radiation

radiation monitoring
BT monitoring
UF *health physics / dosimetry + health hazards + radiation monitoring + radiation protection*
SY *personnel monitoring*
radiation monitors
RT dosimetry
environmental monitoring (geophysics)
radiation protection
radioactive pollution
radioactivity measurement
DEU Strahlungsüberwachung

radiation monitors
USE radiation monitoring

radiation patterns, antenna
USE antenna radiation patterns

radiation pressure
BT pressure
UF *light-induced drift / photophoresis + radiation pressure*
UF *optical molasses / laser cooling + radiation pressure*
SY *optical trapping*
optical tweezers
Poynting-Robertson effect
RT acoustic streaming
atom lasers
atom optics
dark states
dressed states
laser cooling
optical lattices
particle traps
photophoresis
trapped ions
DEU Strahlendruck
DSY Strahlungsdruck

radiation protection
BT protection
UF *health physics / dosimetry + health hazards + radiation monitoring + radiation protection*
SY *radioactivity protection*
X-ray protection
RT atmospheric radioactivity
biological effects of radiation
contaminated site remediation
dosimetry
ear protection
electromagnetic shielding
eye protection
fission reactor containment
fission reactor decommissioning
fission reactor safety
fusion reactor safety
medicine
nuclear materials packaging
nuclear materials transportation
protective clothing
radiation decontamination
radiation effects
radiation monitoring
radioactive pollution
shielding
DEU Strahlungsschutz

radiation quenching
BT luminescence
SY *fluorescence quenching*
luminescence quenching
quenching (optical)
RT collision processes
fluorescence
photoluminescence
radiative lifetimes
DEU Strahlungsabschrecken

radiation therapy
BT patient treatment
NT brachytherapy
neutron capture therapy
photodynamic therapy
UF *laser phototherapy / laser applications in medicine + radiation therapy*
SY *nuclear medicine (treatment)*
proton therapy
radiotherapy
teletherapy
therapy, radiation
PT patient treatment
RT biological effects of radiation
biomedical ultrasonics
cancer
collimators
dosimetry
electron beam applications
gamma-ray applications
hyperthermia
laser applications in medicine
microwave heating
phantoms
radiofrequency heating
radiology
X-ray applications
DEU Strahlentherapie

radiationless transitions
USE nonradiative transitions

radiative corrections
PT atomic spectra
molecular spectra
RT electromagnetic corrections
radiative shifts
DEU Strahlenkorrektur
DSY Strahlungskorrektur

radiative decays
USE electromagnetic decays
\+ nuclear energy level transitions

radiative lifetimes
SY *atomic transition probabilities*
Einstein coefficients
molecular transition probabilities
transition probability (atoms and molecules)

RT Judd-Ofelt theory
luminescence
radiation quenching
DEU Strahlenlebensdauer
DSY Strahlungslebensdauer

radiative shifts
BT spectral line shift
RT radiative corrections
DEU Strahlenverschiebung
DSY Strahlungsverschiebung

radiative transfer
SY *atomic spectral line formation*
line formation
spectral line formation
RT absorbing media
heat transfer
radiation
stellar atmospheres
transport processes
DEU Strahlenübertragung
DSY Strahlungsübertragung

radiators (automotive)
USE automotive components
\+ cooling

radicals, free
USE free radicals

radio
USE radio applications
\+ radiocommunication

radio access networks
BT radio networks
subscriber loops
SY *wireless access networks*
wireless local loops
PT subscriber loops
RT cellular radio
cordless telephone systems
digital radio
high altitude stratospheric platforms
mobile radio
personal communication networks
radio links
WiMax
DEU Funkzugangsnetz

radio applications
NT radio direction-finding
radio tracking
radiocommunication
radiofrequency identification
radionavigation
UF *radio / radio applications + radiocommunication*
RT radar
radar applications
radioastronomy
DEU elektromagnetische Strahlung
DSY elektromagnetische Welle
Hörfunk
nichtöffentliche Funkstelle
professioneller Funk
Radioempfangsgerät
Radiowelle
Rundfunkwelle

radio broadcasting
BT broadcasting
radiocommunication
NT digital audio broadcasting
SY *sound broadcasting*
RT direct broadcasting by satellite
OFDM modulation
radio data systems
radio equipment
radio links
radio receivers
radio spectrum management
radio stations
radio studios
radio transmitters
DEU Radioempfänger
DSY Rundfunkgerät
Rundfunkradio

radio channels
USE wireless channels

radio data systems
BT data communication
radiocommunication
SY *ARI*
broadcast information systems
RDS
PT radio broadcasting
RT computerised navigation
radio broadcasting
telesoftware
teletext
viewdata
DEU Datenfunksystem
DSY Radiodatensystem
Rundfunkdatensystem

radio direction-finding
BT radio applications
SY *direction finders, radio*
radiolocation
RT aerospace instrumentation
array signal processing

direction-of-arrival estimation
mobility management (mobile radio)
radio tracking
radionavigation
ships
time-of-arrival estimation
DEU Funkpeilung

radio equipment
BT radiocommunication
telecommunication equipment
NT radio receivers
radio repeaters
radio transmitters
RT antennas
demodulators
modulators
oscillators
radar equipment
radar receivers
radio broadcasting
radio stations
radio studios
radiotelegraphy
radiotelephony
telephone equipment
DEU Funkausrüstung
DSY Funkgerät

radio galaxies
USE radiogalaxies

radio LAN
USE wireless LAN

radio links
BT radiocommunication
telecommunication links
NT microwave links
SY *point to point radio links*
RT Bluetooth
digital radio
meteor burst communication
mobile communication
radio access networks
radio broadcasting
radio reception
radio transmitters
radiofrequency identification
radiotelegraphy
radiotelemetry
radiotelephony
DEU Funkverbindung

radio networks
BT radiocommunication
telecommunication networks
NT body area networks
packet radio networks
personal area networks
radio access networks
WiMax
wireless sensor networks
PT communication networks
radio links
RT amplify and forward communication
cooperative communication
decode and forward communication
network coding
personal communication networks
relay networks (telecommunication)
ultra wideband communication
wireless LAN
DEU Funknetz

radio noise
USE radiofrequency interference

radio receivers
BT radio equipment
receivers
NT radio transceivers
superheterodyne receivers
SY *radios*
RAKE receivers
RF receivers
RT antennas
audio-frequency amplifiers
channel estimation
demodulation
low noise amplifiers
microwave receivers
millimetre wave receivers
mixers (circuits)
multiuser detection
radio broadcasting
radio reception
radiofrequency amplifiers
radiofrequency filters
radiofrequency oscillators
radiotelegraphy
radiotelephony
software radio
sound reproduction
submillimetre wave receivers
tuning
ultra wideband communication
DEU Funkempfänger
DSY Funkempfangsgerät

Funksignalempfänger
Radioempfänger
Rundfunkempfänger

radio reception
BT radiocommunication
reception
RT atmospherics
jamming
radio links
radio receivers
DEU Funkempfang

radio rediffusion
DEU Funkrückdiffusion

radio repeaters
BT radio equipment
repeaters
PT repeaters
DEU Funkverstärker
DSY Hochfrequenzverstärker

Radio Shack computers
BT digital computers
SY *Tandy computers*
TRS computers
PT microcomputers
RT microcomputers
DEU Radio-Shack-Computer

radio sources (astronomical)
USE radiosources (astronomical)

radio spectrum management
BT radiocommunication
NT frequency allocation
UF *spectrum sensing (radiocommunication) / radio spectrum management + signal detection*
SY *spectrum sharing*
PT frequency allocation
RT channel allocation
cognitive radio
radio broadcasting
DEU Frequenzbandmanagement
DSY Frequenzbereichsmanagement
Funkbreitenmanagement
Radiowellenspektrenmanagement

radio stations
BT radiocommunication
SY *stations, radio*
RT radio broadcasting
radio equipment
radio studios
radio transmitters
radiotelegraphy
DEU Funkstation

radio studios
BT radiocommunication
studios
SY *control rooms, radio*
RT microphones
radio broadcasting
radio equipment
radio stations
sound reproduction
DEU Funkstudio

radio systems
DEU Funksystem

radio telemetry
USE radiotelemetry

radio telescopes
USE radiotelescopes

radio tracking
BT radio applications
tracking
PT tracking
RT distance measurement
mobile radio
object tracking
radio direction-finding
radiofrequency identification
radionavigation
road vehicles
satellite tracking
velocity measurement
DEU Funkverfolgung

radio transceivers
BT radio receivers
radio transmitters
transceivers
PT transceivers
RT cellular radio
mobile handsets
mobile radio
OFDM modulation
software radio
wireless LAN
DEU Funk-Sende- und Empfangsgerät
DSY Funk-Sender und Empfänger
Funkrelaisstation
Funksende- und -empfangsgerät
Funksender und -Empfänger
Funktransceiver

radio transmitters
BT radio equipment
transmitters
NT radio transceivers
radiosondes
RT antennas
microphones
radio broadcasting
radio links
radio stations
radiofrequency oscillators
radiofrequency power amplifiers
radiotelegraphy
radiotelephony
DEU Funksender

Radio über Faser
DUS für radio-over-fibre

radio-over-fibre
BT optical fibre communication
PT microwave photonics
optical fibre communication
RT microwave photonics
mobile radio
optical fibre networks
optical modulation
DEU faseroptisches Radio
DSY Radio über Faser

Radio-Shack-Computer
DEU for Radio Shack computers

radioactive chemical analysis
BT chemical analysis
SY *isotope dilution analysis*
RT neutron activation analysis
nuclear chemical analysis
radiochemistry
DEU radiochemische Analyse

radioactive dating
SY *age determination, radioactive*
dating, radioactive
fission track dating
radiocarbon dating
RT geochronology
geophysical techniques
radiochemistry
DEU radioaktive Datumsbestimmung
DSY radioaktive Zeitbestimmung

radioactive decay periods
BT radioactivity
SY *decay periods (radioactive)*
half-lives (radioactive)
radioactive lifetimes
RT alpha-decay
beta-decay
proton emission decay
DEU radioaktive Zerfallssperiode

radioactive decay schemes
BT radioactivity
NT nuclear decay by heavy ion emission
proton emission decay
SY *decay schemes (radioactive)*
nuclear decay schemes
RT alpha-decay
beta-decay
delayed alpha particles
nuclear decay theory
nuclear energy levels
DEU radioaktives Zerfallsschema

radioactive ion beams
BT ion beams
PT ion beams
RT radioactivity
DEU radioaktiver Ionenstrahl

radioactive lifetimes
USE radioactive decay periods

radioactive pollution
BT pollution
UF *fallout / air pollution + atmospheric radioactivity + radioactive pollution*
PT pollution
RT air pollution
atmospheric radioactivity
contaminated site remediation
hazardous areas
health hazards
natural radioactivity hazards
radiation monitoring
radiation protection
radioactive waste
radioactive waste disposal
safety
water pollution
DEU radioaktive Verschmutzung
DSY radioaktive Verseuchung
radioaktive Verunreinigung

radioactive sources
BT particle sources
UF *gamma-ray sources / gamma-ray production + radioactive sources*
SY *isotopic generators*
RT brachytherapy
radioactivity
radioisotopes
DEU radioaktive Strahlungsquelle

radioactive tracers
BT tracers
SY *labelling, radioactive*
RT radioactivity
radiochemistry
DEU radioaktiver Tracer

radioactive waste
BT waste
NT radioactive waste disposal
radioactive waste processing
radioactive waste storage
PT fusion reactors
nuclear reactor materials
radioactivity
waste disposal
RT fission reactor decommissioning
fission reactor fuel
fission reactor fuel reprocessing
fission reactor materials
fission reactors
fusion reactor materials
fusion reactors
hazardous areas
hazardous materials
materials handling
nuclear criticality safety
nuclear facility regulation
nuclear materials packaging
nuclear materials safeguards
nuclear materials transportation
nuclear reactors
radiation decontamination
radioactive pollution
radioactivity
tritium handling
waste disposal
DEU radioaktiver Abfall
DSY radioaktiver Müll

radioactive waste disposal
BT radioactive waste
waste disposal
NT radioactive waste repositories
UF *actinide burning / radioactive waste disposal* + *radioactive waste processing*
UF *actinide transmutation / radioactive waste disposal* + *radioactive waste processing*
PT radioactive waste
waste disposal
RT incineration
materials handling
nuclear criticality safety
nuclear materials packaging
radioactive pollution
radioactive waste processing
radioactive waste storage
DEU Beseitigung radioaktiven Abfalls
DSY Beseitigung radioaktiven Mülls
Entsorgung radioaktiven Abfalls
Entsorgung radioaktiven Mülls
Entsorgung radioaktiver Abfälle

radioactive waste processing
BT radioactive waste
UF *actinide burning / radioactive waste disposal* + *radioactive waste processing*
UF *actinide transmutation / radioactive waste disposal* + *radioactive waste processing*
PT radioactive waste
RT accelerator-based transmutation
materials handling
nuclear criticality safety
radioactive waste disposal
DEU Bearbeitung radioaktiven Abfalls
DSY Bearbeitung radioaktiven Mülls
Bearbeitung von radioaktiven Abfall
Bearbeitung von radioaktiven Müll
Verarbeitung radioaktiven Abfalls
Verarbeitung radioaktiven Mülls
Verarbeitung von radioaktiven Abfall
Verarbeitung von radioaktiven Müll

radioactive waste repositories
BT radioactive waste disposal
PT radioactive waste disposal
DEU Lager für radioaktiven Abfall
DSY Lager für radioaktiven Müll

radioactive waste site remediation
USE contaminated site remediation

radioactive waste storage
BT radioactive waste
PT radioactive waste
RT materials handling
nuclear criticality safety
nuclear materials packaging
radioactive waste disposal
DEU Lagerung radioaktiven Abfalls
DSY Speicherung radioaktiven Abfalls

radioactivity
BT nuclear physics
NT alpha-decay
atmospheric radioactivity
beta-decay
natural radioactivity hazards
radioactive decay periods
radioactive decay schemes
spontaneous fission

SY *nuclear decay*
RT alpha-particle spectra
alpha-particles
beta-ray spectra
beta-rays
gamma-ray spectra
gamma-rays
meson capture
muon capture
nuclear structure
radioactive ion beams
radioactive sources
radioactive tracers
radioactive waste
radioactivity measurement
radiochemistry
radioisotopes
DEU Radioaktivität

radioactivity measurement
BT radiation detection
RT alpha-particle detection
beta-ray detection
dosimetry
electron detection
gamma-ray detection
hyperon detection
meson detection
muon detection
natural radioactivity hazards
neutrino detection
neutron detection
proton detection
radiation monitoring
radioactivity
radioactivity measuring apparatus
DEU Messen der Radioaktivität
DSY Radioaktivitätsmessen

radioactivity measuring apparatus
BT particle detectors
RT radioactivity measurement
DEU Radioaktivitätsmessgerät

radioactivity protection
USE radiation protection

radioaktive Datumsbestimmung
DEU for radioactive dating

radioaktive Strahlungsquelle
DEU for radioactive sources

radioaktive Verschmutzung
DEU for radioactive pollution

radioaktive Verseuchung
DUS für radioactive pollution

radioaktive Verunreinigung
DUS für radioactive pollution

radioaktive Zeitbestimmung
DUS für radioactive dating

radioaktive Zerfallssperiode
DEU for radioactive decay periods

radioaktiver Abfall
DEU for radioactive waste

radioaktiver Ionenstrahl
DEU for radioactive ion beams

radioaktiver Müll
DUS für radioactive waste

radioaktiver Tracer
DEU for radioactive tracers

radioaktiver Zerfall
DUS für nuclear decay theory

radioaktives Isotop
DEU for radioisotopes

radioaktives Zerfallsschema
DEU for radioactive decay schemes

Radioaktivität
DEU for radioactivity

Radioaktivitätsmessen
DUS für radioactivity measurement

Radioaktivitätsmessgerät
DEU for radioactivity measuring apparatus

radioaltimeters
BT altimeters
RT aircraft instrumentation
navigation
radar altimetry
DEU Funkhöhenmesser
DSY Radiohöhenmesser

radioastronomical observations
USE radiosources (astronomical)

radioastronomical techniques
BT astronomical techniques
UF *very long baseline interferometry / radioastronomical techniques + radiowave interferometry*

UF *VLBI / radioastronomical techniques + radiowave interferometry*
PT radioastronomy
RT radar astronomy
radioastronomy
radiowave interferometry
DEU radioastronomische Methode
DSY radioastronomische Technik
radioastronomische Technologie

Radioastronomie
DEU for radioastronomy

radioastronomische Methode
DEU for radioastronomical techniques

radioastronomische Technik
DUS für radioastronomical techniques

radioastronomische Technologie
DUS für radioastronomical techniques

radioastronomy
BT astronomy
RT astronomical spectra
astronomical surveys
radar astronomy
radio applications
radioastronomical techniques
radiofrequency cosmic radiation
radiofrequency spectroscopy
radiosources (astronomical)
radiotelescopes
solar radiofrequency radiation
submillimetre astronomy
DEU Radioastronomie

radiobiology
USE biological effects of ionising radiation

radiocarbon dating
USE radioactive dating

Radiochemie
DEU for radiochemistry

radiochemische Analyse
DEU for radioactive chemical analysis

radiochemistry
BT nuclear chemistry
SY *hot atom chemistry*
Szilard-Chalmers reactions
RT isotope separation
radiation chemistry
radioactive chemical analysis
radioactive dating
radioactive tracers
radioactivity
DEU Radiochemie

radiocommunication
BT radio applications
telecommunication
NT cognitive radio
digital radio
frequency hop communication
high altitude stratospheric platforms
indoor radio
meteor burst communication
mobile radio
near-field communication
radio broadcasting
radio data systems
radio equipment
radio links
radio networks
radio reception
radio spectrum management
radio stations
radio studios
radiotelegraphy
radiotelemetry
radiotelephony
software radio
SY *amateur radio*
UF *radio / radio applications + radiocommunication*
RT cooperative communication
electronic countermeasures
electronic warfare
mobile communication
radiofrequency interference
space communication links
spread spectrum communication
telecommunication computing
telecommunication control
VHF devices
vocoders
DEU drahtlose Kommunikation
DSY Funkkommunikation
Hochfrequenzwellenkommunikation
Radiokommunikation

radiocrystallography
USE X-ray crystallography

Radiodatensystem
DUS für radio data systems

Radioempfänger
DEU for radio broadcasting

Radioempfänger
DUS für radio receivers

Radioempfangsgerät
DUS für radio applications

radiofrequency amplifiers
BT amplifiers
NT microwave amplifiers
millimetre wave amplifiers
radiofrequency power amplifiers
submillimetre wave amplifiers
UHF amplifiers
VHF amplifiers
SY *RF amplifiers*
RT feedforward amplifiers
HF amplifiers
low noise amplifiers
radio receivers
radiofrequency filters
radiofrequency integrated circuits
superheterodyne receivers
DEU Radiofrequenzverstärker

radiofrequency cosmic radiation
BT cosmic background radiation
SY *cosmic microwave background*
cosmic radiations, radiofrequency
cosmic radio waves
Galactic radiowaves
microwave background, cosmic
RF cosmic radiation
RT radioastronomy
DEU kosmische Hochfrequenzstrahlung
DSY kosmische Radiofrequenzstrahlung

radiofrequency discharges
USE high-frequency discharges

radiofrequency filters
BT filters
NT microwave filters
millimetre wave filters
submillimetre wave filters
UHF filters
VHF filters
SY *RF filters*
PT filters
RT photonic crystals
radio receivers
radiofrequency amplifiers
radiofrequency integrated circuits
superheterodyne receivers
DEU Radiofrequenzfilter

radiofrequency heating
BT electric heating
NT microwave heating
plasma radiofrequency heating
SY *high-frequency heating*
RF heating
PT heating
RT biological effects of radiation
hyperthermia
radiation therapy
DEU Hochfrequenzerwärmung

radiofrequency heating (plasma)
USE plasma radiofrequency heating

radiofrequency identification
BT identification technology
radio applications
SY *RFID*
PT identification technology
radio applications
RT Internet of Things
near-field communication
radio links
radio tracking
radiofrequency integrated circuits
DEU Radiofrequenzidentifikation
DSY Radiofrequenzidentifikation (RFID)
RFID (Radiofrequenzidentifikation)

radiofrequency imaging
BT imaging
NT microwave imaging
millimetre wave imaging
submillimetre wave imaging
terahertz wave imaging
RT biomedical imaging
radar imaging
radiofrequency measurement
remote sensing
DEU Radiofrequenzbildgebung

radiofrequency integrated circuits
BT integrated circuits
NT microwave integrated circuits
millimetre wave integrated circuits
submillimetre wave integrated circuits
UHF integrated circuits
SY *RF integrated circuits*
RFIC
PT microwave integrated circuits
MMIC
RT MIMIC
MMIC
radiofrequency amplifiers
radiofrequency filters
radiofrequency identification

radiofrequency oscillators
DEU integrierte Hochfrequenzschaltung

radiofrequency interconnections
BT interconnections
SY *RF interconnections*
RT integrated circuit interconnections
printed circuit interconnections
DEU Radiofrequenzverbindung

radiofrequency interference
BT electromagnetic interference
NT adjacent channel interference
atmospherics
cochannel interference
jamming
radar interference
whistlers
white noise
SY *radio noise*
RFI
PT interference
RT AWGN (additive white Gaussian noise)
electromagnetic pulse
intercarrier interference
radiocommunication
ultra wideband communication
DEU Hochfrequenzinterferenz

radiofrequency measurement
BT measurement
NT microwave measurement
millimetre wave measurement
submillimetre wave measurement
UHF measurement
RT antenna testing
radiofrequency imaging
radiometry
DEU Messen der Radiofrequenz
DSY Radiofrequenzmessung

radiofrequency oscillators
BT oscillators
NT crystal oscillators
microwave oscillators
millimetre wave oscillators
submillimetre wave oscillators
UHF oscillators
VHF oscillators
SY *RF oscillators*
PT oscillators
RT radio receivers
radio transmitters
radiofrequency integrated circuits
superheterodyne receivers
DEU Hochfrequenzoszillator

radiofrequency power amplifiers
BT power amplifiers
radiofrequency amplifiers
NT microwave power amplifiers
millimetre wave power amplifiers
UHF power amplifiers
PT power amplifiers
RT IMPATT amplifiers
radio transmitters
travelling wave amplifiers
DEU Funkfrequenzleistungsverstärker
DSY Radiofrequenzleistungsverstärker

radiofrequency power transmission
BT power transmission
NT microwave power transmission
PT power transmission
RT rectennas
DEU Funkstromübertragung
DSY Hochfrequenzstromübertragung
Radiofrequenzstromübertragung

radiofrequency spectra
BT spectra (general)
NT microwave spectra
millimetre wave spectra
submillimetre wave spectra
terahertz wave spectra
SY *RF spectra*
PT spectra
RT nuclear magnetic resonance
radiofrequency spectroscopy
DEU Hochfrequenzspektrum
DSY Radiofrequenzspektrum

radiofrequency spectrometers
BT spectrometers
NT microwave spectrometers
SY *RF spectrometers*
RT NMR spectrometers
radiofrequency spectroscopy
DEU Hochfrequenz-Spektrometer
DSY Hochfrequenzspektrometer
Radiofrequenz-Spektrometer
Radiofrequenzspektrometer

radiofrequency spectroscopy
BT spectroscopy
NT microwave spectroscopy
millimetre wave spectroscopy
submillimetre wave spectroscopy
terahertz spectroscopy
SY *RF spectroscopy*
UHF spectroscopy
RT NMR spectroscopy
radioastronomy
radiofrequency spectra
radiofrequency spectrometers

two-dimensional spectroscopy
DEU Hochfrequenz-Spektroskopie
DSY Hochfrequenzspektroskopie
Radiofrequenz-Spektroskopie
Radiofrequenzspektrometrie
Radiofrequenzspektroskopie

radiofrequency sputter deposition
USE sputter deposition

radiofrequency sputtered coatings
USE sputtered coatings

radiofrequency sputtering
USE sputtering

radiofrequency traps
USE particle traps

radiofrequency-microwave double resonance
USE magnetic double resonance

radiofrequency-optical double resonance
USE magnetic double resonance
\+ optical double resonance

radiofrequency-radiofrequency double resonance
USE double nuclear magnetic resonance

Radiofrequenz-Spektrometer
DUS für radiofrequency spectrometers

Radiofrequenz-Spektroskopie
DUS für radiofrequency spectroscopy

Radiofrequenzbildgebung
DEU for radiofrequency imaging

Radiofrequenzfilter
DEU for radiofrequency filters

Radiofrequenzidentifikation
DEU for radiofrequency identification

Radiofrequenzidentifikation (RFID)
DUS für radiofrequency identification

Radiofrequenzleistungsverstärker
DUS für radiofrequency power amplifiers

Radiofrequenzmessung
DUS für radiofrequency measurement

Radiofrequenzspektrometer
DUS für radiofrequency spectrometers

Radiofrequenzspektrometrie
DUS für radiofrequency spectroscopy

Radiofrequenzspektroskopie
DUS für radiofrequency spectroscopy

Radiofrequenzspektrum
DUS für radiofrequency spectra

Radiofrequenzstromübertragung
DUS für radiofrequency power transmission

Radiofrequenzverbindung
DEU for radiofrequency interconnections

Radiofrequenzverstärker
DEU for radiofrequency amplifiers

Radiogalaxie
DEU for radiogalaxies

radiogalaxies
BT active galaxies
radiosources (astronomical)
SY *radio galaxies*
UF *superluminal motion / galactic nuclei + quasars + radiogalaxies*
PT galaxies
radiosources (astronomical)
RT astrophysical jets
BL Lac-type objects
galactic nuclei
quasars
DEU Radiogalaxie

Radiogerät
DUS für audio equipment

Radiografie
DEU for radiography

Radiographie
DUS für radiography

radiographische Diagnose
DUS für diagnostic radiography

radiographische Diagnostik
DUS für diagnostic radiography

radiography
NT diagnostic radiography
neutron radiography
SY *digital radiography*
fluoroscopy

gamma-ray radiography
roentgenography
scanning radiography
UF *X-ray photography / radiography +*
X-ray applications
RT crystallography
electrophotography
fractography
metallography
nondestructive testing
photography
radioisotope imaging
radiology
X-ray applications
X-ray diffraction
X-ray imaging
X-ray spectroscopy
X-ray tubes
X-rays
DEU Radiografie
DSY Radiographie

Radiohöhenmesser
DUS für radioaltimeters

radioisotope alkali metal thermoelectric convertors
USE radioisotope thermoelectric generators

radioisotope AMTEC
USE radioisotope thermoelectric generators

radioisotope imaging
BT imaging
NT emission tomography
SY *angiography (nuclear)*
autoradiography
nuclear medicine
radioisotope scanning
scintigraphy
PT radioisotope scanning and imaging
RT angiocardiography
biomedical equipment
biomedical imaging
collimators
diagnostic radiography
radiography
radioisotopes
radiology
DEU Radioisotopenbildgebung

radioisotope scanning
USE radioisotope imaging

radioisotope separation
USE isotope separation

radioisotope thermoelectric generators
BT thermoelectric conversion
thermoelectric devices
SY *radioisotope alkali metal thermoelectric convertors*
radioisotope AMTEC
RTG
PT thermoelectric conversion
thermoelectric devices
RT nuclear power
space vehicle power plants
DEU Atombatterie
DSY Radioisotopengenerator
Radionuklidbatterie
RTG (Radioisotope Thermoelectric Generator)
thermoelektrischer Radioisotopengenerator

Radioisotopenbildgebung
DEU for radioisotope imaging

Radioisotopengenerator
DUS für radioisotope thermoelectric generators

radioisotopes
BT isotopes
SY *radionuclides*
PT isotopes
radioactive sources
RT accelerator-based transmutation
brachytherapy
nuclear materials packaging
nuclear materials transportation
radioactive sources
radioactivity
radioisotope imaging
DEU radioaktives Isotop

Radiokommunikation
DEU for broadcast communication

Radiokommunikation
DUS für radiocommunication

radiolocation
USE radio direction-finding

Radiologie
DEU for radiology

radiology
PT radiography
RT PACS
radiation therapy
radiography
radioisotope imaging
X-ray imaging
DEU Radiologie

Radiolyse
DEU for radiolysis

radiolysis
BT chemical reactions
radiation chemistry
DEU Radiolyse

Radiometer
DEU for radiometers

radiometers
BT meters
NT bolometers
SY *actinometers*
RT infrared detectors
microwave detectors
millimetre wave detectors
photometers
radiometry
thermal variables measurement
UHF detectors
DEU Radiometer

Radiometrie
DEU for radiometry

radiometry
BT measurement
SY *actinometry*
infrared radiometry
microwave radiometry
PT photometry
radiometers
RT infrared detectors
microwave detectors
microwave measurement
millimetre wave imaging
millimetre wave measurement
photometers
photometry
radiofrequency measurement
radiometers
remote sensing
submillimetre wave measurement
UHF measurement
DEU Radiometrie

radiometry, ultraviolet
USE photometry

radionavigation
BT navigation
radio applications
NT satellite navigation
SY *Loran C*
radar navigation
RT air traffic control
aircraft navigation
ground support systems
instrument landing systems
marine navigation
microwave landing systems
radio direction-finding
radio tracking
transponders
DEU Funknavigation

radionuclide transmutation
USE accelerator-based transmutation

radionuclides
USE radioisotopes

Radionuklidbatterie
DUS für radioisotope thermoelectric generators

radiopaging
USE paging communication

radiophones
USE radiotelephony

Radioquelle (astronomisch)
DUS für radiosources (astronomical)

radios
USE radio receivers

radiosity
USE brightness

Radiosonde
DEU for radiosondes

radiosondes
BT radio transmitters
RT atmospheric measuring apparatus
DEU Radiosonde

radiosources (astronomical)
NT astronomical masers
BL Lac-type objects
OH-IR stars
pulsars

quasars
radiogalaxies
UF *Becklin-Neugebauer objects / infrared sources (astronomical) + pre-main-sequence stars + radiosources (astronomical)*
SY *cosmic radio sources*
cosmic radiosources
UF *OH Type I sources / astronomical masers + H II regions + infrared sources (astronomical) + radiosources (astronomical) + stars*
UF *OH Type IIa sources / astronomical masers + interstellar matter + radiosources (astronomical)*
UF *OH Type IIc sources / interstellar matter + radiosources (astronomical)*
SY *radio sources (astronomical)*
radioastronomical observations
submillimetre wave sources (astronomical)
PT radiofrequency cosmic radiation
RT radioastronomy
stars
supernova remnants
DEU astronomische Radiowellenquelle
DSY Radioquelle (astronomisch)
Radiowellenquelle (astronomisch)

Radiotelegrafie
DUS für radiotelegraphy

Radiotelegraphie
DUS für radiotelegraphy

radiotelegraphy
BT radiocommunication
telegraphy
SY *RTTY*
RT radio equipment
radio links
radio receivers
radio stations
radio transmitters
DEU Funktelegrafie
DSY Funktelegraphie
Radiotelegrafie
Radiotelegraphie

Radiotelemetrie
DUS für radiotelemetry

radiotelemetry
BT radiocommunication
telemetry
SY *radio telemetry*
PT telemetering
telemetering equipment
telemetering systems
RT body area networks
marine communication
marine telemetry
radio links
DEU Funkfernmessung
DSY Radiotelemetrie

radiotelephones
USE radiotelephony

radiotelephony
BT radiocommunication
telephony
NT cellular radio
cordless telephone systems
UF *Cellnet / cellular radio + radiotelephony*
SY *radiophones*
radiotelephones
UF *Vodafone / cellular radio + radiotelephony*
RT aircraft communication
bandwidth compression
compandors
mobile communication
personal communication networks
radio equipment
radio links
radio receivers
radio transmitters
telephone equipment
vocoders
DEU Funkfernsprechen
DSY Funkfernsprechtechnik
Funktelefon
Funktelefonie

radiotelescopes
BT astronomical telescopes
SY *radar telescopes*
radio telescopes
UF *submillimetre telescopes / radiotelescopes + submillimetre astronomy*
RT antenna arrays
antennas
radioastronomy
radiowave interferometers
submillimetre astronomy
submillimetre wave receivers
DEU Radioteleskop

Radioteleskop
DEU for radiotelescopes

radiotherapy
USE radiation therapy

radiowave interferometers
BT electromagnetic wave interferometers
PT electromagnetic wave interferometers
RT radiotelescopes
radiowave interferometry
DEU Radiowellen-Interferometer

radiowave interferometry
BT electromagnetic wave interferometry
NT radar interferometry
UF *very long baseline interferometry / radioastronomical techniques + radiowave interferometry*
UF *VLBI / radioastronomical techniques + radiowave interferometry*
PT electromagnetic wave interferometry
RT radioastronomical techniques
radiowave interferometers
DEU Radiowelleninterferometrie

radiowave propagation
BT electromagnetic wave propagation
NT HF radio propagation
microwave propagation
millimetre wave propagation
submillimetre wave propagation
UHF radio propagation
VHF radio propagation
SY *ELF radio propagation*
UF *interplanetary scintillation / radiowave propagation + solar wind*
UF *interstellar scintillation / interstellar matter + radiowave propagation*
UF *ionospheric scintillation / ionospheric electromagnetic wave propagation + radiowave propagation*
SY *LF radio propagation*
MF radio propagation
UF *scintillation, interplanetary / radiowave propagation + solar wind*
UF *scintillation, interstellar / interstellar matter + radiowave propagation*
UF *scintillation, ionospheric / ionospheric electromagnetic wave propagation + radiowave propagation*
SY *VLF radio propagation*
RT antenna radiation patterns
antenna theory
atmospheric electromagnetic wave propagation
atmospherics
Earth-ionosphere waveguide
fading
femtocellular radio
indoor radio
ionospheric electromagnetic wave propagation
magnetospheric electromagnetic wave propagation
microcellular radio
multipath channels
picocellular radio
radiowaves
reception
time-varying channels
total electron content (atmosphere)
tropospheric electromagnetic wave propagation
DEU Radiowellenausbreitung

radiowaves
BT electromagnetic waves
NT microwaves
millimetre waves
submillimetre waves
terahertz waves
PT electromagnetic waves
RT radiowave propagation
DEU Funkwelle
DSY Radiowelle

Radiowelle
DUS für radio applications
radiowaves

Radiowellen-Interferometer
DEU for radiowave interferometers

Radiowellenausbreitung
DEU for radiowave propagation

Radiowelleninterferometrie
DEU for radiowave interferometry

Radiowellenquelle (astronomisch)
DUS für radiosources (astronomical)

Radiowellenspektrenmanagement
DUS für radio spectrum management

radium
BT alkaline earth metals
SY *Ra (chemical element)*
RT radium compounds
DEU Radium

radium compounds
BT alkaline earth compounds
RT radium
DEU Radiumverbindung

radium emanation
USE radon

Radiumverbindung
DEU for radium compounds

Radium
DEU for radium

radius measurement
USE diameter measurement

radius of curvature measurement
USE curvature measurement

radix conversion
USE digital arithmetic

radomes
BT antenna accessories
PT antenna accessories
RT frequency selective surfaces
DEU Antennenkuppel

radon
BT inert gases
non-metals
UF *indoor radon / natural radioactivity hazards + radon*
SY *radium emanation*
Rn (chemical element)
thoron
RT natural radioactivity hazards
radon compounds
DEU Radon (Edelgas)

Radon (Edelgas)
DEU for radon

radon compounds
BT inert gas compounds
RT radon
DEU Radonverbindung

Radon transforms
BT transforms
UF *discrete Radon transforms / discrete transforms + Radon transforms*
UF *inverse Radon transforms / inverse transforms + Radon transforms*
PT transforms
RT computerised tomography
geophysical techniques
image processing
inverse transforms
DEU Radon-Transformation

Radon-Transformation
DEU for Radon transforms

Radonverbindung
DEU for radon compounds

Räumen (Spanen)
DEU for broaching

räumliche Datenstruktur
DEU for spatial data structures

räumlicher Lichtmodulator
DEU for spatial light modulators

räumlicher Verstand
DEU for spatial reasoning

Raffination
DEU for refining

Raffination (Metallurgie)
DEU for metal refining

Raffinerie
DEU for refineries

Raffinieren (Metallurgie)
DUS für metal refining

Raffinierung
DUS für refining

Raffinierung (Metallurgie)
DUS für metal refining

Rahmenantenne
DEU for loop antennas

rahmenbasiert Repräsentation
DEU for frame based representation

RAID
BT disc storage
SY *redundant arrays of inexpensive disks*
RT disc drives
redundancy
DEU RAID (Speichersystem)

RAID (Speichersystem)
DEU for RAID

rail traffic
BT traffic
NT rail traffic control
RT intelligent transportation systems
locomotives
railway rolling stock
railways
rapid transit systems
transportation
DEU Schienenverkehr

rail traffic control
BT rail traffic
traffic control
PT rail traffic
traffic control
RT railway communication
railways
transportation
DEU Eisenbahnverkehrskontrolle
DSY Eisenbahnverkehrssteuerung

railguns
BT electromagnetic launchers
PT electromagnetic launchers
RT aerospace propulsion
ballistics
military equipment
rails
DEU Schienengeschütz

railroad cars
USE railway rolling stock

railroads
USE railways

rails
BT shapes (structures)
RT flanges
railguns
railways
DEU Schiene

railway accidents
BT accidents
SY *derailments*
PT accidents
RT railway engineering
railway industry
railway safety
DEU Eisenbahnunfall
DSY Eisenbahnunglück

railway bridges
USE bridges (structures)

railway carriages
USE railway rolling stock

railway communication
BT mobile communication
PT mobile communication
railways
RT mobile radio
rail traffic control
railways
DEU Eisenbahnkommunikation

railway electrification
BT railways
PT railways
RT electric locomotives
power overhead lines
traction
DEU Eisenbahnelektrifizierung

railway engineering
BT engineering
PT railways
RT de-icing
geotechnical engineering
geotechnical structures
railway accidents
railway industry
railway rolling stock
railway safety
railways
signalling
underground equipment
DEU Eisenbahntechnik

railway industry
BT industries
railways
PT railways
RT railway accidents
railway engineering
railway rolling stock
railway safety
DEU Eisenbahnindustrie

railway rolling stock
BT vehicles
NT locomotives
SY *railroad cars*
railway carriages
railway wagons
UF *tramcars / railway rolling stock + road vehicles*
PT vehicles
RT rail traffic
railway engineering
railway industry
railways
steam engines
DEU Eisenbahnfahrzeug

railway safety
BT safety
PT safety
RT de-icing
railway accidents
railway engineering
railway industry
railways
safety devices
DEU Eisenbahnsicherheit

railway wagons
USE railway rolling stock

railways
NT light rail systems
railway electrification
railway industry
SY *railroads*
RT locomotives
magnetic levitation
public transport
rail traffic
rail traffic control
rails
railway communication
railway engineering
railway rolling stock
railway safety
signalling
traction power supplies
transportation
trolleys
DEU Eisenbahn

rain
BT atmospheric precipitation
SY *drizzle*
UF *drought / hydrology + rain*
SY *rainfall*
RT floods
monsoons
thunderstorms
water
DEU Regen

Rainbow computers
USE DEC computers

rainfall
USE rain

raingauges
USE meteorological instruments

rainwater harvesting
USE water conservation
\+ water storage

RAKE receivers
USE radio receivers

Rakeltiefdruckmaschine
DUS für presses

Rakete
DEU for rockets

Raketensteuerung
DUS für missile control

Raketentriebwerk
DEU for rocket engines

Raketenzielvorgabe
DUS für missile guidance

Ralaissteuerung
DEU for relay control

RAM
USE random-access storage

RAM (Direktzugriffsspeicher)
DUS für random-access storage

Raman effect
USE Raman spectra

Raman lasers
BT lasers
PT gas lasers
liquid lasers
solid lasers
RT Raman spectroscopy
solid lasers
stimulated Raman scattering
DEU Raman-Laser

Raman scattering
USE Raman spectra

Raman spectra
BT light scattering
spectra (general)
NT stimulated Raman scattering
surface enhanced Raman scattering
SY *combination scattering spectra*
hyper Raman effect
Raman effect
Raman scattering
RT infrared spectra
Raman spectroscopy
two-dimensional spectra
DEU Raman-Spektrum

Raman spectroscopy
BT spectroscopy
UF *TR3 spectroscopy / Raman spectroscopy + time resolved spectroscopy*
UF *TRRR spectroscopy / Raman spectroscopy + time resolved spectroscopy*
PT spectroscopy
RT infrared spectroscopy
laser beam applications
nonlinear optics
Raman lasers
Raman spectra
DEU Raman-Spektroskopie

Raman-induced Kerr effect
USE optical Kerr effect

Raman-Laser
DEU for Raman lasers

Raman-Nath theory
USE acousto-optical effects
\+ light diffraction

Raman-Spektroskopie
DEU for Raman spectroscopy

Raman-Spektrum
DEU for Raman spectra

ramjet engines
USE jet engines

ramp generators
BT signal generators
DEU Sägezahngenerator

Ramsauer effect
USE collision processes

Rand-Element-Methode
DUS für boundary-elements methods

Randabtastungsprüfung
DEU for boundary scan testing

Randall-Sundrum model
USE brane world

random codes
BT codes
PT codes
RT pseudonoise codes
random sequences
DEU Zufallscode

random functions
BT functions
PT random processes
RT Monte Carlo methods
probability
random processes
statistics
DEU Zufallsfunktion

random media
RT chaos
electromagnetic wave propagation
electromagnetic wave scattering
fluctuations
inhomogeneous media
random processes
DEU Zufallsmedium

random noise
BT noise
NT 1/f noise
burst noise
flicker noise
Gaussian noise
shot noise
thermal noise
white noise
UF *popcorn noise / burst noise + random noise*
SY *Schottky noise*
PT noise
white noise
RT impulse noise
phase noise
quantum noise
semiconductor device noise
DEU Zufallsrauschen

random number generation
BT digital arithmetic
statistics
SY *pseudorandom number generation*
RT number theory
random sequences
DEU Zufallszahlengenerierung

random phase approximation
USE RPA calculations

random processes
NT Brownian motion
queueing theory
RT aggregation
binomial distribution
chaos
decision theory
encoding (general)
exponential distribution
filtering theory
fluctuations
gamma distribution
Gaussian distribution
Gaussian processes
information theory
log normal distribution
Markov processes
Monte Carlo methods
normal distribution
Poisson distribution
prediction theory
probability
random functions
random media
random sequences
self-organised criticality
statistical analysis
statistics
stochastic processes
stochastic systems
Weibull distribution
Wigner distribution
DEU Zufallsprozess

random sequences
BT sequences
SY *pseudorandom sequences*
PT binary sequences
sequences
RT binary sequences
cryptography
random codes
random number generation
random processes
DEU Zufallsfolge
DSY Zufallsreihe

random telegraph signal (RTS) noise.
USE burst noise

random-access storage
BT digital storage
NT DRAM chips
MRAM devices
phase change memories
SRAM chips
SY *nonvolatile RAM*
NVRAM
RAM
UF *video RAM / random-access storage + video equipment*
RT add-on boards
buffer storage
ferroelectric storage
integrated memory circuits
PROM
read-only storage
semiconductor storage
DEU Direktzugriffsspeicher
DSY Direktzugriffsspeicher (RAM)
RAM (Direktzugriffsspeicher)

randomised algorithms
BT algorithm theory
NT genetic algorithms
SY *randomized algorithms*
PT algorithm theory
DEU Zufallsalgorithmus

randomized algorithms
USE randomised algorithms

range checking, data
USE data integrity

range finding
USE distance measurement

range of particles
USE energy loss of particles

ranging (sonar)
USE sonar

ranging, laser
USE laser ranging

Rangordnungsfilter
DEU for median filters

Rankine cycle
BT thermodynamic cycles
PT thermodynamics
RT boilers
direct energy conversion

steam engines
steam plants
steam power stations
steam turbines
DEU Rankine-Kreislauf

Rankine-Kreislauf
DEU for Rankine cycle

rapid blue irregular variables
USE cataclysmic binary stars

rapid manufacturing
USE manufacturing systems
\+ rapid prototyping (industrial)
\+ rapid tooling

rapid prototyping
USE rapid prototyping (industrial)
\+ software prototyping

rapid prototyping (industrial)
BT CAD/CAM
NT laminated object manufacturing
rapid tooling
UF *additive manufacturing / rapid prototyping (industrial) + three-dimensional printing*
SY *fused deposition modelling*
UF *rapid manufacturing / manufacturing systems + rapid prototyping (industrial) + rapid tooling*
UF *rapid prototyping / rapid prototyping (industrial) + software prototyping*
SY *solid prototyping*
RT laser sintering
layered manufacturing
product development
prototypes
stereolithography
three-dimensional printing
virtual prototyping
DEU Rapid Prototyping (Industrie)
DSY schneller Prototypenbau

Rapid Prototyping (Industrie)
DEU for rapid prototyping (industrial)

rapid quenching
USE rapid solidification

rapid solidification
BT solidification
SY *rapid quenching*
PT solidification
RT melt spinning
powder technology
splat cooling
DEU rasches Erstarren

rapid thermal annealing
BT annealing
rapid thermal processing
SY *RTA*
PT rapid thermal processing
RT incoherent light annealing
integrated circuit technology
semiconductor technology
DEU schnelles thermisches Ausheilen

rapid thermal nitridation
USE nitridation
\+ rapid thermal processing

rapid thermal oxidation
USE oxidation
\+ rapid thermal processing

rapid thermal processing
BT heat treatment
NT rapid thermal annealing
UF *rapid thermal nitridation / nitridation + rapid thermal processing*
UF *rapid thermal oxidation / oxidation + rapid thermal processing*
SY *RTP*
PT annealing
incoherent light annealing
RT integrated circuit technology
ion implantation
nitridation
oxidation
semiconductor doping
semiconductor technology
DEU schnelle Wärmebehandlung

rapid tooling
BT rapid prototyping (industrial)
UF *rapid manufacturing / manufacturing systems + rapid prototyping (industrial) + rapid tooling*
PT rapid prototyping (industrial)
RT machine tools
DEU schnelle Fertigung

rapid transit systems
BT transportation
PT railways
transportation
RT light rail systems
rail traffic
road traffic

traction power supplies
DEU Schnelltransportsystem

rapidly oscillating Ap stars
USE chemically peculiar stars
\+ magnetic stars
\+ variable stars

rare earth alloys
BT alloys
NT cerium alloys
dysprosium alloys
erbium alloys
europium alloys
gadolinium alloys
holmium alloys
lanthanum alloys
lutetium alloys
neodymium alloys
praseodymium alloys
promethium alloys
samarium alloys
terbium alloys
thulium alloys
ytterbium alloys
SY *mischmetal*
PT rare earth compounds
RT rare earth compounds
rare earth metals
DEU Selten-Erd-Legierung
DSY Seltene-Erden-Legierung
Selteneerdenlegierung
Seltenerdlegierung
Seltenerdmetalllegierung

rare earth compounds
BT inorganic compounds
NT cerium compounds
dysprosium compounds
erbium compounds
europium compounds
gadolinium compounds
holmium compounds
lanthanum compounds
lutetium compounds
neodymium compounds
praseodymium compounds
promethium compounds
samarium compounds
terbium compounds
thulium compounds
ytterbium compounds
RT ferrites
rare earth alloys
rare earth metals
skutterudites
DEU Seltene-Erdeverbindung
DSY Seltenerdeverbindung
Seltenerdmetallverbindung

rare earth metals
BT metals
NT cerium
dysprosium
erbium
europium
gadolinium
holmium
lanthanum
lutetium
neodymium
praseodymium
promethium
samarium
terbium
thulium
ytterbium
SY *lanthanides*
RT rare earth alloys
rare earth compounds
DEU Seltene Erde Metall
DSY Seltene Erden
Seltenerdmetall

rare gases
USE inert gases

rarefied fluid dynamics
BT fluid dynamics
NT Knudsen flow
slip flow
SY *rarefied gas dynamics*
PT flow
RT atomic beams
drag
molecular beams
DEU verfeinerte Fluiddynamik

rarefied gas dynamics
USE rarefied fluid dynamics

rasches Erstarren
DEU for rapid solidification

Rasenmähmaschine
DEU for lawnmowers

Rasterelektronenmikroskop
DEU for scanning electron microscopes

Rasterelektronenmikroskopie
DEU for scanning electron microscopy

Rasterkraftmikroskopie
DEU for atomic force microscopy

Rastersondenmikroskopie
DEU for scanning probe microscopy

Rastertransmissionselektronenmikroskop
DEU for scanning-transmission electron microscopes

Rastertransmissionselektronenmikroskopie
DEU for scanning-transmission electron microscopy

Rastertunnel-Spektroskopie
DEU for scanning tunnelling spectroscopy

Rastertunnelmikroskopie
DEU for scanning tunnelling microscopy

Rastertunnelspektroskopie
DUS für scanning tunnelling spectroscopy

rate distortion theory
BT information theory
DEU Leistungsverzerrungstheorie
DSY Leistungsverformungstheorie

rational functions
BT functions
RT function approximation
matrix algebra
poles and zeros
polynomials
transfer functions
DEU rationale Funktion

rationale Funktion
DEU for rational functions

Rattergeräusch
DEU for machining chatter

Rauch
DEU for smoke

Rauchdetektor
DEU for smoke detectors

Rauchgas
DEU for flue gases

Rauchgasentschwefelung
DEU for flue gas desulphurisation

Rauchmeldeanlage
DUS für smoke detectors

Rauchmelder
DUS für smoke detectors

Rauhheit
DEU for rough surfaces

Raum-Tether
DEU for space tethers

Raum-Zeit-Anpassungsarbeit
DEU for space-time adaptive processing

Raum-Zeit-Block-Code
DEU for space-time block codes

Raum-Zeit-Code
DEU for space-time codes

Raum-Zeit-Konfiguration
DEU for space-time configurations

Raum-Zeit-Kontinuum
DUS für space-time configurations

Raum-Zeit-Phänomen
DEU for spatiotemporal phenomena

Raumfahrtsicherheit
DEU for aerospace safety

Raumfahrttechnik
DEU for aerospace engineering

Raumfahrttestanlage
DUS für aerospace test facilities

Raumfahrttesteinrichtung
DUS für aerospace test facilities

Raumfahrtzeugrechner
DEU for spacecraft computers

Raumfahrzeug
DEU for space vehicles

Raumfahrzeugantenne
DEU for space vehicle antennas

Raumfahrzeugcomputer
DUS für spacecraft computers

Raumfahrzeugelektronik
DEU for space vehicle electronics

Raumfahrzeugkomponente
DUS für aerospace components

Raumfahrzeugkraftwerk
DEU for space vehicle power plants

Raumfahrzeugladung
DEU for spacecraft charging

Raumfilter
DEU for spatial filters

Raumforschung
DEU for space research

Raumgruppe
DEU for space groups

Raumheizung
DEU for space heating

Raumkommunikationsverbindung
DEU for space communication links

Raumkühlung
DEU for space cooling

Raumladung
DEU for space charge

Raumladungs-Aberration
DUS für aberrations

raumladungsbegrenzte Leitung
DEU for space-charge-limited conduction

raumladungsbegrenztes Bauelement
DEU for space-charge limited devices

Raumladungswelle
DEU for space charge waves

Raummessung
DUS für area measurement

Raummultiplex
DEU for space division multiplexing

Raumplanung
DEU for regional planning

raumteilender Mehrfachzugriff
DEU for space division multiple access

rauscharmer Verstärker
DEU for low noise amplifiers

Rauschen
DUS für noise

Rauschen elektronischer Bauelemente
DUS für electron device noise

Rauschen integrierter Schaltungen
DUS für integrated circuit noise

Rauschen supraleitender Bauelemente
DEU for superconducting device noise

Rauschgenerator
DEU for noise generators

Rauschimpuls
DUS für impulse noise

Rauschmessung
DUS für noise measurement

Rauschunterdrückung
DEU for noise elimination

raw materials
BT materials
RT crude oil
minerals
natural resources
raw materials inventory
renewable materials
DEU Rohstoff

raw materials inventory
BT inventory management
PT stock control
RT raw materials
stock control
DEU Materialbestandsführung

ray tracing
BT geometrical optics
PT geometrical optics
RT computer graphics
rendering (computer graphics)
stray light
DEU Raytracing
DSY Strahlenverfolgung
Strahlverfolgung

Rayleigh channels
BT fading channels
PT telecommunication channels
RT fading
Gaussian channels
multipath channels
DEU Rayleigh-Kanal

Rayleigh law
USE Rayleigh scattering

Rayleigh scattering
BT light scattering
spectra (general)
SY *hyper Rayleigh effect*
Rayleigh law
UF *stimulated Rayleigh scattering / Rayleigh scattering + stimulated scattering*
PT light scattering
RT radar cross-sections
DEU Rayleigh-Streuung

Rayleigh waves
BT elastic waves
SY *R waves*
PT elastic waves
seismic waves
RT seismic waves
surface acoustic waves
DEU Rayleigh-Welle

Rayleigh-Benard convection
BT natural convection
PT convection
RT mass transfer
DEU Rayleigh-Benard-Konvektion

Rayleigh-Benard instability
BT flow instability
PT flow instability
RT nonequilibrium flow
DEU Rayleigh-Benard-Instabilität

Rayleigh-Benard-Instabilität
DEU for Rayleigh-Benard instability

Rayleigh-Benard-Konvektion
DEU for Rayleigh-Benard convection

Rayleigh-Kanal
DEU for Rayleigh channels

Rayleigh-Ritz methods
BT numerical analysis
variational techniques
NT Galerkin method
PT numerical analysis
variational techniques
DEU Rayleigh-Ritz-Methode

Rayleigh-Ritz-Methode
DEU for Rayleigh-Ritz methods

Rayleigh-Streuung
DEU for Rayleigh scattering

Rayleigh-Taylor instability
BT flow instability
plasma instability
PT flow instability
RT nonequilibrium flow
DEU Rayleigh-Taylor-Instabilität

Rayleigh-Taylor-Instabilität
DEU for Rayleigh-Taylor instability

Rayleigh-Welle
DEU for Rayleigh waves

Raytracing
DEU for ray tracing

Rb (chemical element)
USE rubidium
DEU Rb (chemisches Element)

Rb (chemisches Element)
DEU for Rb (chemical element)

RBF networks
USE radial basis function networks

RBS
USE Rutherford backscattering

RC circuits
BT networks (circuits)
RT active filters
active networks
oscillators
RLC circuits
DEU RC-Netzwerk

RC-Netzwerk
DEU for RC circuits

RCCB
USE residual current devices

RCD
USE residual current devices

RCNDO calculations
USE CNDO calculations

RDS
USE radio data systems

Re (chemical element)
USE rhenium
DEU Re (chemisches Element)

Re (chemisches Element)
DEU for Re (chemical element)

Re-Engineering des Geschäftsprozesses
DUS für business process re-engineering

re-entry (spacecraft)
USE entry, descent and landing (spacecraft)

Re-Normalisation
DEU for renormalisation

REACH legislation
USE environmental legislation
\+ occupational health
\+ occupational safety

reachability analysis
BT graph theory
PT graph theory
program diagnostics
RT controllability
formal verification
program diagnostics
programming
DEU Reichweitenanalysator

reaction kinetics
NT reaction kinetics theory
reaction rate constants
SY *chemical kinetics*
kinetics of chemical reactions
RT catalysis
catalysts
chemical exchanges
chemical reactions
combustion
explosions
potential energy surfaces
quantum chemistry
DEU Reaktionskinetik

reaction kinetics models and mechanisms
USE reaction kinetics theory

reaction kinetics theory
BT reaction kinetics
UF *Belousov-Zhabotinskii reaction / chemical equilibrium + chemical reactions + reaction kinetics theory*
UF *Bray reactions / chemical equilibrium + chemical reactions + reaction kinetics theory*
UF *Briggs-Rauscher reaction / chemical equilibrium + chemical reactions + reaction kinetics theory*
UF *Field-Noyes reaction / chemical equilibrium + chemical reactions + reaction kinetics theory*
UF *Hafke-Gilles reaction / chemical equilibrium + chemical reactions + reaction kinetics theory*
SY *reaction kinetics models and mechanisms*
PT reaction kinetics
RT reaction-diffusion systems
DEU Reaktionskinetiktheorie
DSY reaktionskinetische Theorie

reaction rate coefficients
USE reaction rate constants

reaction rate constants
BT reaction kinetics
SY *reaction rate coefficients*
PT reaction kinetics
DEU Reaktionsgeschwindigkeitskonstante

reaction-diffusion systems
BT diffusion
PT diffusion
RT bifurcation
chemical reactions
nonlinear differential equations
nonlinear dynamical systems
partial differential equations
pattern formation
reaction kinetics theory
DEU Reaktions-Diffusions-System

reactions (chemical)
USE chemical reactions

reactions (nuclear)
USE nuclear reactions and scattering

reactive ion etching
USE sputter etching

reactive power
NT reactive power control
RT distribution networks
power factor
power measurement
power systems
reactors (electric)
static VAr compensators

transmission networks
DEU Scheinleistung

reactive power control
BT power control
reactive power
PT power control
reactive power
RT power system control
static VAr compensators
DEU Blindleistungsregelung

reactive sputter deposition
USE sputter deposition

reactive sputter etching
USE sputter etching

reactive sputtering
USE sputtering

reactively sputtered coatings
USE sputtered coatings

reactivity (fission reactors)
BT fission reactor core control
PT fission reactor core control and monitoring
RT fission reactor kinetics
fission reactor safety
neutron flux
DEU Reaktivität (Spaltreaktor)

reactor accidents
USE fission reactor accidents

reactor components
USE fission reactor materials

reactor cooling system
USE fission reactor cooling

reactor kinetics
USE fission reactor kinetics

reactor physics
USE fission reactor physics

reactors (chemical)
USE chemical reactors

reactors (electric)
NT capacitors
inductors
saturable core reactors
SY *electric reactors*
RT reactive power
DEU Reaktor (elektrisch)

reactors (nuclear)
USE fission reactors

Read diodes
USE IMPATT diodes

read-only storage
BT digital storage
NT CD-ROMs
PROM
write-once storage
SY *ROM*
RT firmware
integrated memory circuits
random-access storage
semiconductor storage
DEU ROM (Festwertspeicher)

Read-Out-Elektronik
DEU for readout electronics

readout electronics
NT digital readout
RT detector circuits
display instrumentation
nondestructive readout
nuclear electronics
particle detectors
DEU Read-Out-Elektronik

readout, nondestructive
USE nondestructive readout

ready-mixed materials
BT materials
RT building materials
concrete
plasticisers
DEU Fertigmischmaterial
DSY Fertigmischung

Reaktion
DUS für feedback

Reaktion freier Radikale
DUS für free radical reactions

Reaktions-Diffusions-System
DEU for reaction-diffusion systems

Reaktionsgeschwindigkeitskonstante
DEU for reaction rate constants

Reaktionskinetik
DEU for reaction kinetics

Reaktionskinetiktheorie
DEU for reaction kinetics theory

reaktionskinetische Theorie
DUS für reaction kinetics theory

Reaktionsoberflächenmethode
DUS für response surface methodology

Reaktionspressen
DUS für pressing

Reaktionswärme
DEU for heat of reaction

Reaktivität (Spaltreaktor)
DEU for reactivity (fission reactors)

Reaktor (elektrisch)
DEU for reactors (electric)

Reaktorreaktionskammer
DUS für fusion reactor reaction chamber

real estate data processing
BT property market
PT finance
RT building societies
construction industry
mortgage processing
DEU Computeranwendung in der Wohnungswirtschaft

real time computer systems
USE real-time systems

real-time systems
BT digital systems
NT embedded systems
SY *real time computer systems*
RT high energy physics
instrumentation computing
online operation
DEU Echtzeit-System

realisation theory
BT control theory
system theory
RT linear systems
matrix algebra
state-space methods
DEU Realisation-Theorie (Systemtheorie)

Realisation-Theorie (Systemtheorie)
DEU for realisation theory

realistic images
BT computer graphics
PT computer graphics
RT image texture
rendering (computer graphics)
DEU realistische Abbildung
DSY realistisches Bild

realistische Abbildung
DEU for realistic images

realistisches Bild
DUS für realistic images

reaming
USE machining

rearrangement (molecular)
USE isomerisation

reasoning
USE cognition
\+ cognitive systems
\+ inference mechanisms
\+ planning (artificial intelligence)

reasoning about programs
BT program verification
UF *type inference / reasoning about programs + type theory*
PT program verification
RT inference mechanisms
process algebra
programming language semantics
programming theory
type theory
DEU Schlussfolgerung über Programme

rebar
BT building materials
RT reinforced concrete
steel
structural engineering
DEU Fliese
DSY Kachel
Platte
strukturelle Verstärkung

reboilers
USE boilers

receiver operating characteristic analysis
USE sensitivity analysis

receivers
NT acoustic receivers
microwave receivers
millimetre wave receivers

optical receivers
radar receivers
radio receivers
repeaters
submillimetre wave receivers
television receivers
transceivers
transponders
RT amplifiers
antennas
automatic frequency control
automatic gain control
demodulation
demodulators
gain control
limiters
reception
sensors
signal detection
telecommunication terminals
teleprinters
transmitters
DEU Empfänger (Gerät)

receiving antennas
BT antennas
NT rectennas
PT antennas
RT community antenna television reception
DEU Empfangsantenne

reception
NT diversity reception
radio reception
television reception
RT fading
interference (signal)
radiowave propagation
receivers
receiving antennas
signal detection
signal processing
transceivers
DEU Rezeption

recession
USE economic cycles

rechargeable batteries
USE secondary cells

Rechenanlage
DUS für computer facilities

Rechenkomplexität
DUS für computational complexity

Rechenmaschine
DEU for calculating apparatus

Rechenzentrum
DUS für computer centres

Recherchefragenverarbeitung
DUS für query processing

Recherchesprache
DUS für query languages

Rechner (DV)
DUS für computers

Rechner der 5. Generation
DUS für fifth generation systems

Rechner der fünften Generation
DUS für fifth generation systems

Rechner für allgemeine Anwendung
DUS für general purpose computers

Rechner-Leasing
DUS für computer rental

Rechner-Telefonie-Integration
DUS für computer telephony integration

Rechner-zu-Rechnerverbindung
DUS für inter-computer links

Rechneranimation
DUS für computer animation

Rechneranwendung
DUS für computer applications

Rechneranwendung (Datenfluss)
DUS für data flow computing

Rechneranwendung beim Militär
DUS für military computing

Rechneranwendung für das Hobby
DUS für hobby computing

Rechneranwendung für ernste Spiele
DUS für serious games (computing)

Rechneranwendung im Bauwesen
DUS für civil engineering computing

Rechneranwendung im Bildungswesen
DUS für educational computing

Rechneranwendung im Ingenieurwesen
DUS für engineering computing

Rechneranwendung im Maschinenbau
DUS für mechanical engineering computing

Rechneranwendung im Privatbereich
DUS für home computing

Rechneranwendung im Radar
DUS für radar computing

Rechneranwendung in den Materialwissenschaften
DUS für materials science computing

Rechneranwendung in den Naturwissenschaften
DUS für natural sciences computing

Rechneranwendung in den Sozial- und Verhaltenswissenschaften
DUS für social and behavioural sciences computing

Rechneranwendung in den Sozialwissenschaften
DUS für social sciences computing

Rechneranwendung in den Umweltwissenschaften
DUS für environmental science computing

Rechneranwendung in den Verhaltenswissenschaften
DUS für behavioural sciences computing

Rechneranwendung in den Werkstoffwissenschaften
DUS für materials science computing

Rechneranwendung in der Astronomie
DUS für astronomy computing

Rechneranwendung in der Atomenergietechnik
DUS für nuclear engineering computing

Rechneranwendung in der Atomtechnik
DUS für nuclear engineering computing

Rechneranwendung in der Ausbildung
DUS für educational computing

Rechneranwendung in der Baukonstruktion
DUS für structural engineering computing

Rechneranwendung in der Bautechnik
DUS für structural engineering computing

Rechneranwendung in der Bauwesen
DUS für structural engineering computing

Rechneranwendung in der Biologie
DUS für biology computing

Rechneranwendung in der Chemie
DUS für chemistry computing

Rechneranwendung in der Chemietechnik
DUS für chemical engineering computing

Rechneranwendung in der chemischen Technik
DUS für chemical engineering computing

Rechneranwendung in der Energietechnik
DUS für power engineering computing

Rechneranwendung in der Fertigungstechnik
DUS für production engineering computing

Rechneranwendung in der Geophysik
DUS für geophysics computing

Rechneranwendung in der Ingenieurtechnik
DUS für engineering computing

Rechneranwendung in der Kernenergietechnik
DUS für nuclear engineering computing

Rechneranwendung in der Kerntechnik
DUS für nuclear engineering computing

Rechneranwendung in der Linguistik
DUS für computational linguistics

Rechneranwendung in der Luft- und Raumfahrt
DUS für aerospace computing

Rechneranwendung in der Mathematik
DUS für mathematics computing

Rechneranwendung in der Medizin
DUS für medical computing

Rechneranwendung in der medizinischen Diagnostik
DUS für medical diagnostic computing

Rechneranwendung in der optischen Technik
DUS für optical engineering computing

Rechneranwendung in der Physik
DUS für physics computing

Rechneranwendung in der Regelungtechnik
DUS für control engineering computing

Rechneranwendung in der Schifffahrt
DUS für naval engineering computing

Rechneranwendung in der Spektroskopie
DUS für spectroscopy computing

Rechneranwendung in der Steuerungtechnik
DUS für control engineering computing

Rechneranwendung in der Telekommunikation
DUS für telecommunication computing

Rechneranwendung in der Verkehrstechnik
DUS für traffic engineering computing

Rechneranwendung mit reduziertem Befehlsvorrat
DUS für reduced instruction set computing

Rechnerarchitektur
DUS für computer architecture

Rechnerausrüstung
DUS für computer peripheral equipment

Rechnerauswahl
DUS für computer selection

Rechnerbetriebssystem
DUS für operating systems (computers)

Rechnerbewertung
DUS für computer evaluation

Rechnerbildschirm
DUS für computer displays

rechnergenerierte Holografie
DUS für computer-generated holography

rechnergenerierte Holographie
DUS für computer-generated holography

rechnergestützte Analyse
DUS für computer aided analysis

rechnergestützte Elektromaschinenanalyse
DUS für electric machine analysis computing

rechnergestützte Elektronik
DUS für electronic engineering computing

rechnergestützte Elektrotechnik
DUS für electrical engineering computing

rechnergestützte Energienetzanalyse
DUS für power system analysis computing

rechnergestützte Energietechnik
DUS für power engineering computing

rechnergestützte Fertigung
DUS für computer aided manufacturing

rechnergestützte Fertigungsplanung
DUS für computer aided production planning

rechnergestützte Instrumentierung
DUS für computerised instrumentation

rechnergestützte Linguistik
DUS für computational linguistics

rechnergestützte Mikroficheausgabe
DUS für computer output to microfilm

rechnergestützte Mikrofilmausgabe
DUS für computer output to microfilm

rechnergestützte Regelung
DUS für computerised control

rechnergestützte Regelungssystemanalyse
DUS für control system analysis computing

rechnergestützte Software-Entwicklung
DUS für computer aided software engineering

rechnergestützte Spektroskopie
DUS für spectroscopy computing

rechnergestützte Steuerungssystemanalyse
DUS für control system analysis computing

rechnergestützte Stromnetzanalyse
DUS für power system analysis computing

rechnergestützter Anlagenentwurf
DUS für computer aided facilities layout

rechnergestützter Ausrüstungstest
DUS für computer equipment testing

rechnergestützter Elektromaschinenentwurf
DUS für electric machine CAD

rechnergestützter Unterricht
DUS für computer aided instruction

rechnergestütztes Ingenieurwesen
DUS für computer aided engineering

rechnergestütztes Platzreservierungssystem
DUS für reservation computer systems

rechnergestütztes Training
DUS für computer based training

Rechnergrafik
DUS für computer graphics

Rechnergrafikausstattung
DUS für computer graphic equipment

Rechnergraphik
DUS für computer graphics

Rechnergraphikausstattung
DUS für computer graphic equipment

Rechnerinstallation
DUS für computer installation

rechnerintegrierte Fertigung
DUS für computer integrated manufacturing

rechnerische Geometrie
DEU for computational geometry

rechnerische Komplexität
DUS für computational complexity

rechnerischer Elektromagnetismus
DEU for computational electromagnetics

Rechnerkauf
DUS für computer purchase

Rechnerkommunikation
DUS für computer mediated communication

Rechnerkommunikationsprogramm
DUS für computer communications software

Rechnerkommunikationssoftware
DUS für computer communications software

Rechnerleasing
DUS für computer rental

Rechnerliteratur
DUS für computer literacy

Rechnermiete
DUS für computer rental

Rechnernavigation
DUS für computerised navigation

Rechnernetz
DUS für computer networks

Rechnernetz-Management
DUS für computer network management

Rechnernetzleistungsbewertung
DUS für computer network performance evaluation

Rechnernetzmanagement
DUS für computer network management

Rechnernetzsicherheit
DUS für computer network security

Rechnernetzzuverlässigkeit
DUS für computer network reliability

Rechnerperipheriegerät
DUS für computer peripheral equipment

Rechnerschnittstelle
DUS für computer interfaces

Rechnersoftware
DUS für computer software

Rechnerstillstand
DUS für computer stationery

Rechnerstromversorgung
DUS für computer power supplies

Rechnertest
DUS für computer testing

Rechnertomografie
DUS für computerised tomography

Rechnertomographie
DUS für computerised tomography

Rechnerüberwachung
DUS für computerised monitoring

rechnerunterstützte Analyse
DUS für computer aided analysis

rechnerunterstützte Elektromaschinenanalyse
DUS für electric machine analysis computing

rechnerunterstützte Elektronik
DUS für electronic engineering computing

rechnerunterstützte Elektrotechnik
DUS für electrical engineering computing

rechnerunterstützte Energienetzanalyse
DUS für power system analysis computing

rechnerunterstützte Energietechnik
DUS für power engineering computing

rechnerunterstützte Fertigung
DUS für computer aided manufacturing

rechnerunterstützte Fertigungsplanung
DUS für computer aided production planning

rechnerunterstützte Instrumentierung
DUS für computerised instrumentation

rechnerunterstützte Linguistik
DUS für computational linguistics

rechnerunterstützte Mikroficheausgabe
DUS für computer output to microfilm

rechnerunterstützte Mikrofilmausgabe
DUS für computer output to microfilm

rechnerunterstützte Multimedia-Bearbeitung
DUS für multimedia computing

rechnerunterstützte Physik
DUS für physics computing

rechnerunterstützte Regelung
DUS für computerised control

rechnerunterstützte Regelungssystemanalyse
DUS für control system analysis computing

rechnerunterstützte Schaltungsanalyse
DUS für circuit analysis computing

rechnerunterstützte Software-Entwicklung
DUS für computer aided software engineering

rechnerunterstützte Steuerungssystemanalyse
DUS für control system analysis computing

rechnerunterstützte Stromnetzanalyse
DUS für power system analysis computing

rechnerunterstützte Telekommunikation
DUS für telecommunication computing

rechnerunterstützte Zusammenarbeit
DEU for computer supported collaborative work

rechnerunterstützter Anlagenentwurf
DUS für computer aided facilities layout

rechnerunterstützter Schaltungsentwurf
DEU for circuit layout CAD

rechnerunterstützter Unterricht
DUS für computer aided instruction

rechnerunterstütztes Ingenieurwesen
DUS für computer aided engineering

rechnerunterstütztes Sehen
DUS für computer vision

rechnerunterstütztes Training
DUS für computer based training

Rechnerverarbeitungsprozedur
DUS für computer operating procedures

Rechnerverarbeitungsprozess
DUS für computer operating procedures

Rechnerverlinkung
DUS für inter-computer links

Rechnervirus
DUS für computer viruses

Rechnerwartung
DUS für computer maintenance

Rechnung
DUS für calculus

Rechnungsdatenverarbeitung
DUS für accounts data processing

Rechnungsführung und Kontrolle
DUS für accounting

Rechnungslegung
DUS für cost accounting

Rechnungswesen
DEU for accounting

Rechnungswesen und Kontrolle
DUS für accounting

Recht
DEU for law

Rechteckgenerator
DEU for square-wave generators

Rechteckhohlleiter
DEU for rectangular waveguides

Rechteckwellengenerator
DUS für square-wave generators

rechtlicher Faktor
DUS für prejudicial factors

rechtliches Problem
DUS für prejudicial factors

Rechtschreibhilfe
DEU for spelling aids

Rechtsfaktor
DUS für prejudicial factors

Rechtsprobelm
DUS für prejudicial factors

Rechtsverwaltung
DEU for law administration

Reckaltern
DEU for strain ageing

recombination, electron-hole
USE electron-hole recombination

recombination, ion
USE ion recombination

recommendation systems
USE recommender systems

recommender systems
BT information filters
SY *recommendation systems*
PT information filters
RT collaborative filtering
data mining
e-mail filters
electronic commerce
information filtering
information retrieval
Internet
online front-ends
DEU Empfehler (technisch)
DSY Empfehlersystem
Empfehlungseinrichtung
Empfehlungssystem
Empfehlungsvorrichtung

reconfigurable architectures
BT computer architecture
PT computer architecture
RT distributed processing
fault tolerant computing
field programmable gate arrays
DEU rekonfigurierbare Architektur

reconfigurable radio
USE software radio

recorders
BT instruments
NT data loggers
oscillographs
plotters
tape recorders
UF *loggers / data loggers* + *recorders*
SY *recording instruments*
RT control equipment
controllers
data acquisition
digital readout
monitoring
printers
process control
recording
telemetry
transducers
DEU Schreiber

recording
NT audio recording
data recording
magnetic recording
traffic recording
video recording
well logging
SY *logging (recording)*
RT cinematography
data analysis
data reduction
digital storage
disc storage
instruments
measurement
photography
pick-ups
printing
recorders
DEU Aufnehmen (elektronisch)
DSY Aufzeichnung (elektronisch)

recording instruments
USE recorders

records management
BT information management
office automation
NT business forms
document image processing
UF *archiving systems / information retrieval systems* + *records management*
SY *CAR*
filing systems (office)
PT office automation
RT Big Data
digital preservation
electronic health records
information retrieval
information storage
DEU Aktenmanagement

recovery
BT mechanical properties
NT recovery-creep
SY *polygonisation*
RT deformation
radiation effects
DEU Erholung

recovery-creep
BT creep
recovery
SY *creep-recovery*
plastic afterflow
PT creep
recovery
DEU Kriech-Erholung
DSY Kriecherholung

recruitment
BT human resource management
NT psychometric testing
PT human resource management
RT employment
job specification
labour resources
DEU Arbeitskräfteanwerbung
DSY Personalanwerbung

recrystallisation
NT zone melting recrystallisation
SY *recrystallization*
RT annealing
grain growth
heat treatment
metallurgy
recrystallisation annealing
recrystallisation texture
solid phase epitaxial growth
DEU Rekristallisation

recrystallisation annealing
BT annealing
SY *recrystallization annealing*
PT annealing
recrystallisation
RT recrystallisation
DEU Rekristallisationsglühen

recrystallisation texture
BT texture
SY *recrystallization texture*
PT recrystallisation
texture
RT recrystallisation
DEU Rekristallisationstextur

recrystallization
USE recrystallisation

recrystallization annealing
USE recrystallisation annealing

recrystallization texture
USE recrystallisation texture

rectangular waveguides
BT waveguides
NT ridge waveguides
PT waveguides
RT dielectric-loaded waveguides
substrate integrated waveguides
DEU Rechteckhohlleiter

Rectenna
DEU for rectennas

rectennas
BT receiving antennas
SY *rectifying antennas*
PT receiving antennas
RT microwave antennas
microwave power transmission
radiofrequency power transmission
rectification
rectifying circuits
solar power satellites
DEU Rectenna

rectification
SY *full wave rectification*
RT rectennas
rectifiers
rectifying circuits
DEU Gleichrichtung

rectifier substations
BT substations
RT rectifiers
DEU Gleichrichterstation
DSY Umspannwerk

rectifier tubes
BT rectifiers
RT diodes
DEU Gleichrichterröhre

rectifiers
NT electrolytic rectifiers
mercury arc rectifiers
rectifier tubes
solid-state rectifiers
RT diodes
power supply circuits
power transmission
PWM rectifiers
rectification
rectifier substations
rectifying circuits
semiconductor devices
thyratrons
DEU Gleichrichter

rectifying antennas
USE rectennas

rectifying circuits
BT networks (circuits)
NT battery chargers
PWM rectifiers
SY *full wave rectifiers*
single phase rectifiers
three phase rectifiers
RT AC-DC power convertors
power electronics
rectennas
rectification
rectifiers
DEU Gleichrichterschaltung

recurrent neural nets
BT neural nets
NT Hopfield neural nets
SY *feedback neural nets*
PT neural nets
RT learning (artificial intelligence)
DEU neuronalen Kettenschaltung
DSY neuronales Kettennetz
periodisches neuronales Netz
rekurrentes neuronales Netz
rekursives neuronales Netz
rückgekoppeltes neuronales Netz
rückläufiges neuronales Netz
selbstüberwachendes neuronales
Netz
verkettetes neuronales Netz
wiederkehrendes neuronales Netz

recurrent novae
USE cataclysmic binary stars
\+ giant stars
\+ symbiotic stars
\+ variable stars

recursion (programming)
USE program control structures

recursion method
RT electronic density of states
tight-binding calculations
DEU Rekursionsmethode

recursive estimation
BT estimation theory
parameter estimation
PT estimation theory
parameter estimation
RT filtering theory
least squares approximations
recursive filters
recursive functions
signal processing
DEU rekursive Schätzung

recursive filters
BT digital filters
PT digital filters
multidimensional digital filters
two-dimensional digital filters
RT multidimensional digital filters
recursive estimation
two-dimensional digital filters
DEU Rekursivfilter

recursive functions
BT formal logic
functions
RT recursive estimation
DEU rekursive Funktion

recycling
BT waste management
UF *disassembly / assembling* +
design for disassembly +
recycling
SY *remanufacturing*
UF *water recycling / recycling* + *water conservation*
RT biodegradable materials
design for disassembly
ecocomposites
environmental economics
environmental factors
environmental legislation
environmental management
green computing
renewable materials
reverse logistics
scrap metal
waste recovery
waste reduction
WEEE Directive
DEU Recycling (Wiederverwendung)

Recycling (Wiederverwendung)
DEU for recycling

red giants
USE giant stars

red shift
BT spectral line shift
NT gravitational red shift
SY *redshift*
PT cosmology
RT cosmology
Doppler shift
DEU Rotverschiebung

red stragglers
USE giant stars

rediffusion
DEU Rückdiffusion

redox (reactions)
USE oxidation
\+ reduction (chemical)

redox flow batteries
USE secondary cells

redshift
USE red shift

reduced gravity experiments
USE zero gravity experiments

reduced instruction set computing
BT computer architecture
SY *RISC*
PT computer architecture
RT instruction sets
DEU Computeranwendung mit reduziertem Befehlsvorrat
DSY Rechneranwendung mit reduziertem Befehlsvorrat
RISC (Reduced Instruction Set Computer)

reduced order systems
BT control systems
SY *model reduction*
RT control system analysis
control system synthesis
multivariable control systems
Routh methods
stability
state estimation
suboptimal control
DEU System reduzierter Ordnung

reduction (chemical)
BT chemical reactions
UF *redox (reactions) / oxidation + reduction (chemical)*
PT chemical reactions
RT oxidation
surface chemistry
DEU chemische Reduktion

redundancy
BT reliability
RT consecutive system reliability
cyclic redundancy check codes
fault tolerance
fault tolerant computing
fault tolerant control
information theory
logic design
majority logic
RAID
redundant manipulators
DEU Redundanz

redundancy (employment)
USE termination of employment

redundant arrays of inexpensive disks
USE RAID

redundant manipulators
BT manipulator kinematics
UF *hyper-redundant manipulators / flexible manipulators + redundant manipulators*
PT manipulator kinematics
RT path planning
redundancy
DEU Manipulatorredundanz

redundant number systems
BT digital arithmetic
PT digital arithmetic
DEU redundantes Zahlensystem

redundantes Zahlensystem
DEU for redundant number systems

Redundanz
DEU for redundancy

reed relays
BT relays
SY *reed switches*
DEU Reed-Relais

reed switches
USE reed relays

Reed-Müller-Code
DEU for Reed-Muller codes

Reed-Muller codes
BT codes
PT codes
encoding (general)
error correction codes
RT BCH codes
block codes
cyclic codes
decoding
dual codes
linear codes
DEU Reed-Müller-Code

Reed-Relais
DEU for reed relays

Reed-Solomon codes
BT codes
SY *RS codes*
PT codes
error correction codes
RT binary sequences
concatenated codes
DEU Reed-Solomon-Code

Reed-Solomon-Code
DEU for Reed-Solomon codes

reel-to-reel tape recorders
USE audio tape recorders

Reengineering des Geschäftsablaufes
DUS für business process re-engineering

reentrant superconductors
USE magnetic superconductors

Referaterstellung
DUS für abstracting

reference circuits
BT networks (circuits)
SY *current references*
supervisory circuits
voltage references
DEU Referenzbauelement
DSY Referenzschaltkreis
Referenzschaltung

references (standards)
USE standards

Referenzbauelement
DEU for reference circuits

Referenzmodell abstimmbare Kontrollanordung
DEU for model reference adaptive control systems

Referenzmodell-abstimmbare Kontrollanordung
DUS für model reference adaptive control systems

Referenzschaltkreis
DUS für reference circuits

Referenzschaltung
DUS für reference circuits

Referieren
DEU for abstracting

Referierung
DUS für abstracting

refinement calculus
BT calculus
process algebra
PT formal logic
DEU Verfeinerungsberechnung
DSY Verfeinerungskalkül
Verfeinerungsrechnung

refineries
BT production facilities
DEU Raffinerie

refining
NT metal refining
oil refining
sugar refining
zone refining
RT chemical technology
cleaning
mineral processing industry
purification
smelting
DEU Raffination
DSY Raffinierung
Veredlung
Verfeinerung

reflectance
USE reflectivity

reflectarray antennas
BT antenna arrays
reflector antennas
SY *reflective array antennas*
RT antenna radiation patterns
microstrip antenna arrays
microwave antenna arrays
millimetre wave antenna arrays
DEU Gruppenreflektorantenne

reflected binary codes
USE Gray codes

reflection
NT acoustic wave reflection
electromagnetic wave reflection
neutron reflection
RT absorption
albedo
mirrors
reflectivity
reverberation
scattering
transmission
wave propagation
DEU Reflexion

reflection high energy electron diffraction
BT high energy electron diffraction
SY *RHEED*
PT electron diffraction crystallography
electron diffraction examination of materials
electron diffraction
DEU Reflexion der Beugung hochenergetischer Elektronen
DSY Reflexion hochenergetischer Elektronenbeugung
RHEED-Beugung

reflection nebulae
USE nebulae

reflection spectra
USE reflectivity
\+ spectra (general)

reflection technique (ultrasonic)
USE ultrasonic reflection

reflection variables
USE binary stars
\+ variable stars

reflective array antennas
USE reflectarray antennas

reflectivity
BT optical properties
NT electroreflectance
magnetoreflectance
photoreflectance
piezoreflectance
thermoreflectance
UF *light reflection spectra / reflectivity + spectra (general)*
UF *optical reflection / light reflection + reflectivity*
UF *optical reflection spectra / reflectivity + spectra (general)*
SY *reflectance*
UF *reflection spectra / reflectivity + spectra (general)*
RT albedo
attenuated total reflection
optical constants
optical films
reflection
reflectometry
retroreflectors
surface plasmon resonance
DEU Reflexionsvermögen

reflectometers
BT meters
SY *light reflectometers*
UF *microwave reflectometers / microwave reflectometry + reflectometers*
SY *optical reflectometers*
UF *optical time-domain reflectometers / optical time-domain reflectometry + reflectometers*
UF *time-domain reflectometers / reflectometers + time-domain reflectometry*
PT microwave reflectometry
optical instruments
reflectometry
time-domain reflectometry
RT microwave reflectometry
optical instruments
optical variables measurement
reflectometry
time-domain reflectometry
DEU Reflektometer

reflectometry
BT measurement
NT microwave reflectometry
time-domain reflectometry
SY *light reflectometry*
optical reflectometry
PT microwave measurement
optical variables measurement
RT optical variables measurement
reflectivity
reflectometers
DEU Reflektometrie

reflector antenna feeds
BT antenna feeds
reflector antennas
PT antenna feeders
reflector antennas
RT horn antennas
offset reflector antennas
DEU Reflektorantenneneinspeisung

reflector antennas
BT antennas
NT offset reflector antennas
reflectarray antennas
reflector antenna feeds
SY *antenna reflectors*
Cassegrain antennas
mirror antennas
umbrella antennas
PT antennas
RT aperture antennas
conical antennas
frequency selective surfaces
horn antennas
multifrequency antennas
satellite antennas
shaped beam antennas
DEU Reflektorantenne

reflectors (optical)
USE optical elements

Reflektometer
DEU for reflectometers

Reflektometrie
DEU for reflectometry

Reflektorantenne
DEU for reflector antennas

Reflektorantenneneinspeisung
DEU for reflector antenna feeds

Reflexion
DEU for reflection

Reflexion der Beugung hochenergetischer Elektronen
DEU for reflection high energy electron diffraction

Reflexion elektromagnetischer Wellen
DUS für electromagnetic wave reflection

Reflexion hochenergetischer Elektronenbeugung
DUS für reflection high energy electron diffraction

Reflexionsverfahren (Ultraschall)
DEU for ultrasonic reflection

Reflexionsvermögen
DEU for reflectivity

reflow soldering
BT soldering
PT soldering
RT assembling
printed circuit manufacture
surface mount technology
DEU Aufschmelzlöten

refraction
NT acoustic wave refraction
electromagnetic wave refraction
RT birefringence
dispersion (wave)
refractive index
scattering
wave propagation
DEU Refraktion

refractive index
BT optical constants
SY *refractivity*
RT birefringence
dispersion (wave)
gradient index optics
invisibility cloaks
metamaterials
optical metamaterials
photonic band gap
photorefractive effect
refraction
refractive index measurement
refractometers
retroreflectors
slow light
DEU Brechungsindex

refractive index measurement
BT optical variables measurement
SY *refractometry*
RT refractive index
refractometers
DEU Brechungsindexmessung
DSY Messen optischer Größen

refractivity
USE refractive index

refractometers
BT optical instruments
RT refractive index
refractive index measurement
DEU Brechzahlmesser
DSY Refraktometer

refractometry
USE refractive index measurement

refractories
BT materials
SY *refractory materials*
PT ceramics
RT brick
ceramics
cermets
clay
firing (materials)
furnaces
heating
high-temperature effects
high-temperature techniques
powder technology
DEU feuerfestes Erzeugnis

refractory materials
USE refractories

Refraktion
DEU for refraction

Refraktometer
DUS für refractometers

refrigerants
BT coolants
RT heat pumps
refrigeration
DEU Kältemittel

refrigeration
BT cooling
RT cold storage
compressors
cryogenics
freezing
heat pumps
low-temperature production
low-temperature techniques
magnetic cooling
power utilisation
refrigerants
refrigerators
thermodynamic cycles

thermoelectric cooling
total energy systems
DEU Kälteerzeugung

refrigerators
BT domestic appliances
PT domestic appliances
low-temperature production
refrigeration
RT compressors
refrigeration
DEU Kältemaschine
DSY Kühlaggregat
Kühleinrichtung
Kühler
Kühlgerät

refuse disposal
BT waste disposal
SY *domestic waste disposal*
garbage disposal
landfill
UF *refuse incineration / incineration +*
refuse disposal
PT waste disposal
DEU Abfallbeseitigen

refuse incineration
USE incineration
\+ refuse disposal

refuse incineration power plants
USE waste-to-energy power plants

Regelbarkeit
DEU for controllability

Regeleinrichtung
DEU for control facilities
controllers

regelgetreue Steuerung
DEU for compliance control

Regelmechanismus
DEU for compliant mechanisms

Regelung
DUS für control

Regelung der Feuchtigkeit
DUS für humidity control

Regelung der Winkelgeschwindigkeit
DUS für angular velocity control

Regelung des elektrischen Stroms
DUS für electric current control

Regelung elektrischer Größen
DUS für electric variables control

Regelung magnetischer Größen
DUS für magnetic variables control

Regelung magnetischer Variablen
DUS für magnetic variables control

Regelung mechanischer Größen
DUS für mechanical variables control

Regelung mechanischer Variablen
DUS für mechanical variables control

Regelung spezieller Größen
DUS für control of specific variables

Regelung spezieller Variablen
DUS für control of specific variables

Regelung thermischer Größen
DUS für thermal variables control

Regelung thermischer Variabler
DUS für thermal variables control

Regelungsanalyse
DEU for control system analysis

Regelungssystem
DEU for closed loop systems

Regelungssystemsynthese
DEU for control system synthesis

regelungstechnische Ausbildung
DEU for control engineering education

Regelungstheorie
DEU for control theory

Regelung
DEU for regulation

Regelvorrichtung
DUS für controllers

Regen
DEU for rain

regenerative braking
BT braking
PT braking
RT electric motors

DEU Nutzbremsung

regenerative Energiequelle
DEU for renewable energy sources

regenerative fuel cells
USE electrolytic devices
\+ fuel cells
\+ microbial electrolysis cells
\+ solid oxide electrolysis cells

Regge poles
BT complex angular momentum plane
NT Reggeons
PT Regge poles and trajectories
RT Pomeranchuk poles
Pomeranchuk trajectories
quantum field theory
Regge trajectories
Reggeon field theory
DEU Regge-Pol

Regge trajectories
BT complex angular momentum plane
PT Regge poles and trajectories
RT Pomeranchuk poles
Pomeranchuk trajectories
quantum field theory
Regge poles
Reggeon field theory
DEU Regge-Bahnkurve

Regge-Bahnkurve
DEU for Regge trajectories

Regge-Pol
DEU for Regge poles

Reggeon
DEU for Reggeons

Reggeon field theory
BT quantum field theory
PT quantum field theory
RT Regge poles
Regge trajectories
Reggeons
DEU Reggeon-Feldtheorie

Reggeon-Feldtheorie
DEU for Reggeon field theory

Reggeons
BT Regge poles
PT Regge poles and trajectories
RT Reggeon field theory
DEU Reggeon

Regierung
DEU for government

Regierungsdatenverarbeitung
DUS für government data processing

Regierungspolitik
DEU for government policies

region growing (image processing)
USE image segmentation

regional planning
BT planning
PT town and country planning
RT land use planning
town and country planning
DEU Raumplanung

Register
DUS für glossaries

register allocation
USE optimising compilers

register circuits
USE flip-flops

Registration, Evaluation and Authorisation of Chemicals Directive
USE environmental legislation
\+ occupational health
\+ occupational safety

Regler
DUS für controllers

regoliths
USE planetary surfaces

regression analysis
BT statistical analysis
UF *support vector regression / regression analysis + support vector machines*
PT statistical analysis
RT autoregressive processes
DEU Regressionsanalyse

Regression zum Mittelwert
DUS für autoregressive moving average processes

Regressionsanalyse
DEU for regression analysis

regular languages
USE formal languages

regulation
NT load regulation
RT control of specific variables
control systems
controllers
DEU Regelung
DSY Regulierung

regulators
USE controllers

Regulierung
DUS für regulation

Rehabilitation (Patient)
DUS für patient rehabilitation

Reibschweißen
DEU for friction welding

Reibspindelpresse
DUS für presses

Reibung
DEU for friction

Reibungsleuchten
DEU for triboluminescence

Reibungsreduktion
DEU for drag

Reichweitenanalysator
DEU for reachability analysis

Reifen
DEU for tyres

Reifenabdrückpresse
DUS für presses

Reifendruckwächter
DUS für pressure

Reifenluftdruck
DUS für pressure

Reihe
DUS für sequences

Reihenmethode
DEU for method of lines

Reihenschalter
DEU for sequential switching

Reihenschaltung
DEU for sequential circuits

reinforced concrete
BT concrete
SY *pre-stressed concrete*
prestressed concrete
PT concrete
RT construction components
construction industry
rebar
DEU bewehrter Beton

reinforcement learning
USE learning (artificial intelligence)

Reinigen
DEU for cleaning

Reinigen mit Ultraschall
DEU for ultrasonic cleaning

Reinigung
DUS für cleaning
purification

Reinraum
DEU for clean rooms

Reiseindustrie
DEU for travel industry

Reisender-Handelsmann-Problem
DEU for travelling salesman problems

Reklame
DUS für advertising

rekonfigurierbare Architektur
DEU for reconfigurable architectures

Rekristallisation
DEU for recrystallisation

Rekristallisationsglühen
DEU for recrystallisation annealing

Rekristallisationstextur
DEU for recrystallisation texture

rekurrentes neuronales Netz
DUS für recurrent neural nets

Rekursionsmethode
DEU for recursion method

rekursive Funktion
DEU for recursive functions

rekursive Schätzung
DEU for recursive estimation

rekursives neuronales Netz
DUS für recurrent neural nets

Rekursivfilter
DEU for recursive filters

Relais
DEU for relays

Relaisschutz
DEU for relay protection

Relaisstation (Funk)
DEU for repeaters

relational algebra
BT process algebra
RT database theory
entity-relationship modelling
relational databases
DEU relationale Algebra

relational databases
BT database management systems
PT database management systems
RT application generators
data structures
database theory
distributed databases
entity-relationship modelling
relational algebra
SQL
tree data structures
DEU relationale Datenbank
DSY Relationendatenbank
Relationsdatenbank

relationale Algebra
DEU for relational algebra

relationale Datenbank
DEU for relational databases

Relationendatenbank
DUS für relational databases

Relationsdatenbank
DUS für relational databases

relative density
USE density

relative Elementhäufigkeit
DEU for element relative abundance

relative Feuchte
DEU for relative humidity

relative humidity
USE humidity
DEU relative Feuchte

relativistic band structure calculations
BT band theory
PT band theory models
DEU relativistische Bandstruktur-Berechnung
DSY relativistische Bandstruktur-Kalkulation

relativistic corrections
NT Dirac-Fock calculations
UF *Thomas-Fermi-Dirac model / relativistic corrections* + *Thomas-Fermi model*
SY *zeroth order regular approximation ZORA*
PT atomic spectra
molecular spectra
RT Lamb shift
quantum electrodynamics
DEU relativistische Korrektur (Energieniveau)

relativistic electron beam tubes
BT electron tubes
PT microwave generation
microwave tubes
RT electron beams
microwave generation
microwave tubes
millimetre wave tubes
relativistic electron beams
slow wave structures
space charge waves
vircators
DEU relativistische Elektronenstrahlröhre

relativistic electron beams
BT electron beams
PT electron beams
RT free electron lasers
plasma-beam interactions

relativistic electron beam tubes
DEU relativistische Elektronenstrahlung

relativistic fluid dynamics
BT fluid dynamics
relativistic mechanics
PT flow
DEU relativistische Fluiddynamik

relativistic mechanics
BT mechanics
NT relativistic fluid dynamics
PT mechanics
RT relativistic scattering theory
relativity
DEU relativistische Mechanik

relativistic plasmas
BT plasma
PT plasma
DEU relativistisches Plasma

relativistic quantum field theory
BT quantum field theory
PT quantum field theory
RT Dirac equation
Feynman diagrams
relativity
Thirring model
DEU relativistische Quantenfeldtheorie

relativistic quantum mechanics
BT quantum theory
PT quantum theory
RT Dirac equation
special relativity
DEU relativistische Quantenmechanik

relativistic scattering theory
RT elementary particle scattering
relativistic mechanics
relativity
DEU relativistische Streuungstheorie
DSY relativistische Theorie der Streuung

relativistische Bandstruktur-Berechnung
DEU for relativistic band structure calculations

relativistische Bandstruktur-Kalkulation
DUS für relativistic band structure calculations

relativistische Elektronenstrahlröhre
DEU for relativistic electron beam tubes

relativistische Elektronenstrahlung
DEU for relativistic electron beams

relativistische Fluiddynamik
DEU for relativistic fluid dynamics

relativistische Korrektur (Energieniveau)
DEU for relativistic corrections

relativistische Mechanik
DEU for relativistic mechanics

relativistische Quantenfeldtheorie
DEU for relativistic quantum field theory

relativistische Quantenmechanik
DEU for relativistic quantum mechanics

relativistische Streuungstheorie
DEU for relativistic scattering theory

relativistische Theorie der Streuung
DUS für relativistic scattering theory

relativistisches Plasma
DEU for relativistic plasmas

Relativitätstheorie
DEU for relativity

relativity
NT general relativity
special relativity
RT astronomy
light cones
physics fundamentals
relativistic mechanics
relativistic quantum field theory
relativistic scattering theory
DEU Relativitätstheorie

relaxation
NT anelastic relaxation
chemical relaxation
dielectric relaxation
magnetic relaxation
stress relaxation
ultrasonic relaxation
RT viscoelasticity
DEU Relaxation (Phyik)

Relaxation (Phyik)
DEU for relaxation

relaxation oscillators
BT oscillators
SY *Van der Pol oscillators*
PT oscillators
RT multivibrators
negative resistance
time bases
DEU Entspannungsoszillator

relaxation theory
BT numerical analysis
PT numerical analysis
RT approximation theory
boundary-elements methods
boundary-value problems
difference equations
differential equations
finite element analysis
function approximation
function evaluation
functional analysis
DEU Entspannungstheorie

relaxation time, carrier
USE carrier relaxation time

relaxor ferroelectrics
BT ferroelectric materials
PT ferroelectric ceramics
ferroelectric materials
RT dielectric relaxation
ferroelasticity
ferroelectric ceramics
ferroelectric transitions
DEU Relaxor-Ferroelektrik

Relaxor-Ferroelektrik
DEU for relaxor ferroelectrics

relay control
BT control theory
RT nonlinear control systems
nonlinear systems
on-off control
relays
DEU Ralaissteuerung

relay networks (telecommunication)
BT telecommunication networks
UF *satellite relay systems / relay networks (telecommunication) + satellite communication*
SY *wireless relay networks*
RT amplify and forward communication
cooperative communication
decode and forward communication
diversity reception
radio networks
DEU Schaltnetz (Telekommunikation)

relay protection
BT protection
SY *Buchholz relays*
protective relays
RT circuit breakers
earthing
power distribution protection
power system protection
power system relaying
power transmission protection
relays
substation protection
DEU Relaisschutz

relay systems (satellite)
USE satellite communication

relays
BT control equipment
switches
NT microrelays
reed relays
semiconductor relays
RT circuit breakers
contactors
protection
relay control
relay protection
solenoids
switching circuits
DEU Relais

relevance feedback
BT information retrieval
PT information retrieval
DEU Relevanzrückkopplung

Relevanzrückkopplung
DEU for relevance feedback

relexionsarmer Raum (Akustik)
DEU for anechoic chambers (acoustic)

relexionsarmer Raum (elektromagnetisch)
DEU for anechoic chambers (electromagnetic)

reliability
NT circuit reliability
consecutive system reliability
fault tolerance
fault trees
laser reliability
power system reliability
redundancy
reliability theory
semiconductor device reliability
software reliability
superconducting device reliability
telecommunication network reliability
SY *availability measures*
UF *maintainability / maintenance engineering + reliability*
SY *survivability*
RT automatic test equipment
automatic testing
certification
durability
electrostatic discharge
errors
failure analysis
fault diagnosis
inspection
life cycle costing
life testing
military standards
operations research
performance index
preventive maintenance
product quality
production
project engineering
quality control
remaining life assessment
standardisation
standards
statistical analysis
system recovery
testing
warranties
Weibull distribution
DEU Zuverlässigkeit

reliability theory
BT reliability
RT consecutive system reliability
fault trees
statistical analysis
DEU Zuverlässigkeitstheorie

relief
USE topography (Earth)

reluctance generators
BT reluctance machines
synchronous generators
PT synchronous generators
DEU Reluktanzgenerator

reluctance machines
BT synchronous machines
NT reluctance generators
reluctance motors
PT synchronous machines
DEU Reluktanzmaschine

reluctance motor drives
BT reluctance motors
synchronous motor drives
SY *SRM drives*
PT electric drives
reluctance motors
variable speed drives
RT variable speed drives
DEU Reluktanzantriebsmotor

reluctance motor protection
BT reluctance motors
synchronous motor protection
PT machine protection
reluctance motors
DEU Reluktanzmotorschutz

reluctance motors
BT reluctance machines
synchronous motors
NT reluctance motor drives
reluctance motor protection
DEU Reluktanzmotor

Reluktanzantriebsmotor
DEU for reluctance motor drives

Reluktanzgenerator
DEU for reluctance generators

Reluktanzmaschine
DEU for reluctance machines

Reluktanzmotor
DEU for reluctance motors

Reluktanzmotorschutz
DEU for reluctance motor protection

remaining life assessment
BT life testing
RT electrical maintenance
failure analysis
maintenance engineering
reliability

DEU Lebenserwartung
DSY Restlebensdauer
verbleibende Lebensdauer

remanence
BT magnetisation
SY *remanent magnetism*
thermoremanence
PT magnetisation state
RT coercive force
hysteresis
DEU magnetische Remanenz

remanent magnetism
USE remanence

remanufacturing
USE recycling

remediation (environmental)
USE contaminated site remediation
+ decontamination
+ pollution control

remittance processing
BT accounting
banking
PT accounting
banking
RT cheque processing
DEU Überweisungsbearbeitung
DSY Überweisungsverarbeitung

remote consoles
BT computer graphic equipment
interactive terminals
SY *consoles, remote*
control panels
RT control equipment
control systems
display instrumentation
engineering workstations
DEU Fernbedienungskonsole

remote control
USE telecontrol
DEU Fernbedienung (Gerät)

remote deposit capture
USE cheque processing

remote handling
BT materials handling
NT remote handling equipment
PT telecontrol
RT nuclear reactor maintenance
telecontrol
DEU Fernbedienung
DSY ferngesteuerte Bearbeitung
ferngesteuertes Handhaben
Fernhandhabung
Fernmanipulation
Fernmanipulieren
Telehandhabung
Telemanipulation

remote handling equipment
BT materials handling equipment
remote handling
RT industrial manipulators
telerobotics
DEU fernbedienbare
Handhabevorrichtung
DSY fernbedienbare
Handhabungsvorrichtung
Fernbedienungsanlage
Fernbedienungsausrüstung
Fernbedienungsvorrichtung
Fernhandhabungstechnik
Telemanipulationsgerät
Telemanipulationssystem
Telemanipulator

remote metering
USE telemetry

remote method invocation
USE application program interfaces
+ remote procedure calls

remote procedure calls
BT distributed processing
UF *remote method invocation /*
application program interfaces +
remote procedure calls
SY *RPC*
PT distributed processing
RT client-server systems
distributed object management
multiprocessing programs
network operating systems
DEU Fernprozeduraufruf
DSY Remote-Prozedur-Ruf

remote sensing
NT planetary remote sensing
remote sensing by laser beam
remote sensing by radar
terrain mapping
vegetation mapping
PT atmospheric techniques
geophysical prospecting
geophysical techniques
infrared imaging
military equipment
natural resources

oceanographic techniques
photographic applications
pollution detection and control
RT atmospheric techniques
buried object detection
geophysical image processing
geophysical prospecting
geophysical techniques
hydrological techniques
hyperspectral imaging
imaging
infrared imaging
land cover
land surface temperature
land use
landmine detection
microwave imaging
military equipment
millimetre wave imaging
natural resources
oceanographic techniques
photogrammetry
photographic applications
pollution measurement
radiofrequency imaging
radiometry
sonar
submillimetre wave imaging
surveillance
wildfires
DEU Fernerkundung

remote sensing by laser beam
BT laser beam applications
remote sensing
PT laser beam applications
remote sensing
RT measurement by laser beam
optical radar
planetary remote sensing
spectrochemical analysis
DEU Fernerkundung mit Laserstrahlen
DSY Laserfernerkundung
lasergestützte Fernerkundung

remote sensing by radar
BT radar
remote sensing
SY *radar remote sensing*
PT radar applications
radar measurement
remote sensing
RT airborne radar
digital elevation models
ground penetrating radar
land cover
meteorological radar
millimetre wave radar
planetary remote sensing
radar applications
radar imaging
radar interferometry
radar polarimetry
spaceborne radar
submillimetre wave radar
synthetic aperture radar
terrain mapping
ultra wideband radar
vegetation mapping
DEU Fernerkundung mit Radar
DSY Radarfernerkundung
Radarfernmessung

remote working
USE teleworking

Remote-Prozedur-Ruf
DUS für remote procedure calls

remotely operated vehicles
BT vehicles
NT autonomous aerial vehicles
autonomous underwater vehicles
SY *ROV*
unmanned vehicles
RT high altitude stratospheric platforms
marine control
military vehicles
mobile robots
planetary rovers
rescue robots
telerobotics
underwater vehicles
DEU fernbedientes Fahrzeug

REMPI
USE photoionisation

remuneration
NT incentive schemes
pensions
salaries
PT salaries
RT employee welfare
DEU Entlohnung

rendering (computer graphics)
BT computer graphics
PT computer graphics
RT image texture
ray tracing
realistic images
DEU Rendering (Computergrafik)
DSY Rendering (Computergraphik)
Rendering (Rechnergrafik)

Rendering (Rechnergraphik)
Wiedergabe (Computergrafik)
Wiedergabe (Computergraphik)
Wiedergabe (Rechnergrafik)
Wiedergabe (Rechnergraphik)

Rendering (Computergrafik)
DEU for rendering (computer graphics)

Rendering (Computergraphik)
DUS für rendering (computer graphics)

Rendering (Rechnergrafik)
DUS für rendering (computer graphics)

Rendering (Rechnergraphik)
DUS für rendering (computer graphics)

Rene
USE nickel alloys

renewable energy sources
BT energy resources
NT bioenergy conversion
geothermal power
hydroelectric power
hydrogen economy
solar power
wind power
UF *biomass materials / renewable energy sources* + *renewable materials*
PT energy resources
RT building integrated photovoltaics
distributed power generation
environmental management
fuel gasification
fuel processing
photovoltaic power systems
solar energy conversion
wave power generation
DEU regenerative Energiequelle

renewable materials
BT materials
UF *biomass materials / renewable energy sources* + *renewable materials*
RT biodegradable materials
ecocomposites
environmental degradation
fuel gasification
natural fibres
production materials
raw materials
recycling
sustainable development
DEU nachwachsender Rohstoff

Renner-Teller effect
USE vibronic states

renormalisation
BT group theory
SY *renormalization*
PT group theory
quantum field theory
RT critical phenomena
gauge field theory
lattice theory
many-body problems
quantum field theory
scaling phenomena
statistical mechanics
DEU Re-Normalisation

renormalization
USE renormalisation

rental
BT financial management
NT computer rental
RT leasing
DEU Miete
DSY Pacht

Rentner
DEU for pensions

reorder levels
USE stock control

repair
USE maintenance engineering

Repeater
DUS für repeaters

repeaters
BT receivers
telecommunication equipment
transmitters
NT optical repeaters
radio repeaters
DEU Relaisstation (Funk)
DSY Repeater
Zwischenverstärker

repetitive strain injury
USE occupational health

replica molding
USE moulding
+ replica techniques
+ soft lithography

replica moulding
USE moulding
\+ replica techniques
\+ soft lithography

replica techniques
UF *replica molding / moulding + replica techniques + soft lithography*
UF *replica moulding / moulding + replica techniques + soft lithography*
SY *replicas*
RT biological specimen preparation
electron microscopy
embossing
fractography
metallography
micro-optics
micromachining
optical fabrication
reproduction (copying)
soft lithography
specimen preparation
DEU Nachbildungstechnik
DSY Originalkopieverfahren

replicas
USE replica techniques

replicated databases
BT distributed databases
SY *replicated file systems*
PT distributed databases
DEU replizierte Datenbank

replicated file systems
USE replicated databases

replizierte Datenbank
DEU for replicated databases

report generators
BT operating systems (computers)
programming languages
UF *fourth-generation languages / application generators + database management systems + high level languages + programming environments + query languages + report generators + simulation languages + specification languages*
RT Perl
DEU Reportgenerator (Programmierung)

Reportgenerator (Programmierung)
DEU for report generators

reproduction (copying)
BT office automation
NT photocopying
SY *copying*
duplicating
RT photography
printing
publishing
replica techniques
DEU Kopierverfahren
DSY Reproduktion (Kopieren)

Reproduktion (Kopieren)
DUS für reproduction (copying)

repulsion motors
USE AC motors

requirements engineering
USE formal specification
\+ formal verification
\+ systems analysis
DEU Anforderungstechnik

rescue robots
BT mobile robots
SY *search and rescue robots*
PT mobile robots
service robots
RT accidents
disasters
earthquakes
emergency management
emergency services
explosions
fires
floods
path planning
remotely operated vehicles
service robots
storms
telerobotics
terrorism
tsunami
DEU Hilfsroboter
DSY Rettungsroboter

research and development
NT research and development management
research initiatives
SY *R and D*
RT industrial engineering
product development
technology transfer

DEU Forschung und Entwicklung

research and development management
BT management
research and development
NT innovation management
SY *development management*
industrial research management
R and D management
RT research initiatives
technological forecasting
technology management
venture capital
DEU Forschungsmanagement

research initiatives
BT research and development
SY *ESPRIT*
UF *joint ventures / international collaboration + organisational aspects + research initiatives*
UF *university-industry collaboration / educational institutions + organisational aspects + research initiatives*
RT DP industry
fifth generation systems
government policies
innovation management
international collaboration
research and development management
DEU Forschungsaktivität

research libraries
BT special libraries
UF *university libraries / academic libraries + research libraries*
PT libraries
RT academic libraries
public libraries
DEU Forschungsbibliothek

reservation computer systems
BT administrative data processing
PT administrative data processing
RT entertainment
hotel industry
leisure industry
transport control
travel industry
DEU computergestütztes Reservierunssystem
DSY elektronische Platzreservierung
rechnergestütztes Platzreservierungssystem

reservoirs
BT water resources
water storage
RT dams
hydrological techniques
lakes
water supply
DEU Wasserreservoir

reservoirs (oil and gas)
USE hydrocarbon reservoirs

residual current circuit breakers
USE residual current devices

residual current devices
BT circuit breakers
SY *earth leakage circuit breakers*
RCCB
RCD
residual current circuit breakers
PT circuit breakers
RT protection
safety
DEU Fehlerstrombauelement
DSY Fehlerstromschaltkreis
Fehlerstromschaltung

residual stresses
USE internal stresses

residue codes
BT codes
PT arithmetic codes
RT arithmetic codes
decoding
DEU sonstiger Code

residue number systems
BT digital arithmetic
SY *RNS*
PT digital arithmetic
RT digital filters
signal processing
DEU sonstiges Zahlensystem
DSY übriges Zahlensystem

resin transfer moulding
USE transfer moulding

resins
BT organic compounds
SY *epoxy resins*
vinyl resins
PT polymers
RT plastics
polymer foams
polymers

DEU Harz (natur)
DSY Kunstharz
Naturharz
Syntheseharz
synthetisches Harz

resistance (electric)
USE electric resistance

resistance furnaces
BT electric furnaces
RT electric heating
resistance heating
DEU Widerstandsofen

resistance heating
BT electric heating
PT electric heating
RT glow plugs
process heating
resistance furnaces
DEU Widerstandserwärmung

resistance measurement
BT measurement
DEU Widerstandsmessung (allgemein)

resistance noise
USE thermal noise

resistance thermometers
BT thermometers
RT bolometers
pyrometers
temperature measurement
DEU Widerstandsthermometer

resistance welding
BT electric welding
NT spot welding
RT soldering
DEU Widerstandsschweißen

resistivity, electrical
USE electrical resistivity

resistivity, thermal
USE thermal conductivity

resistors
NT photoresistors
potentiometers
thermistors
thick film resistors
thin film resistors
varistors
UF *magnetoresistors / magnetoresistive devices* + *resistors*
UF *piezoresistors / piezoresistive devices* + *resistors*
SY *posistors*
RT conductors (electric)
inductors
memristors
piezoresistive devices
voltage dividers
DEU Widerstand (Bauelement)

resists
NT electron resists
photoresists
PT integrated circuit technology
printed circuits
semiconductor technology
RT integrated circuit technology
lithography
printed circuits
semiconductor technology
DEU Widerstand

resolving power (optical)
USE optical resolving power

resonance
NT acoustic resonance
atomic beam electric resonance
circuit resonance
cyclotron resonance
dielectric resonance
Fermi resonance
ferroresonance
magnetic resonance
magnetoacoustic resonance
molecular beam electric resonance
nuclear resonances
optical double resonance
subsynchronous resonance
surface plasmon resonance
RT cavity resonators
dynamics
harmonics
oscillations
resonators
synchronisation
tuning
vibrations
DEU Resonanz (Physik)

resonances, baryon
USE baryon resonances

resonances, meson
USE meson resonances

resonant absorption of gamma-rays
USE Mossbauer effect

resonant cavities
USE cavity resonators

resonant gamma-ray interactions in crystals
USE Mossbauer effect

resonant hot electron tunnelling transistors
USE hot electron transistors
\+ resonant tunnelling transistors

resonant inverters
USE resonant invertors

resonant invertors
BT invertors
SY *quasi-resonant invertors*
resonant inverters
PT invertors
resonant power convertors
RT circuit resonance
DC-AC power convertors
ferroresonant circuits
power electronics
power supplies to apparatus
power supply circuits
resonant power convertors
DEU Resonanzinverter

resonant power converters
USE resonant power convertors

resonant power convertors
BT power convertors
SY *quasi-resonant power convertors*
resonant power converters
PT power convertors
RT circuit resonance
DC-DC power convertors
ferroresonant circuits
power electronics
power supplies to apparatus
power supply circuits
resonant invertors
DEU mitschwingender Leistungsumformer

resonant states
BT excited states
SY *atomic resonant states*
Feshbach resonances
molecular resonant states
Wannier ridge resonances
PT atomic resonant states
molecular resonant states
RT Fermi resonance
metastable states
Rydberg states
triplet state
vibronic states
DEU Resonanzzustand

resonant tunneling
USE resonant tunnelling

resonant tunneling devices
USE resonant tunnelling devices

resonant tunneling diodes
USE resonant tunnelling diodes

resonant tunneling transistors
USE resonant tunnelling transistors

resonant tunnelling
BT quantum interference phenomena
tunnelling
SY *resonant tunneling*
PT quantum interference phenomena
resonant tunnelling devices
tunnelling
RT Coulomb blockade
mesoscopic systems
resonant tunnelling devices
semiconductor quantum dots
semiconductor quantum wells
DEU Resonanztunnel

resonant tunnelling devices
BT semiconductor devices
NT resonant tunnelling diodes
resonant tunnelling transistors
SY *resonant tunneling devices*
PT hot electron transistors
tunnel diodes
RT hot electron transistors
quantum interference devices
quantum well devices
resonant tunnelling
semiconductor quantum wells
semiconductor superlattices
single electron devices
tunnelling
DEU Resonanztunnelbauelement

resonant tunnelling diodes
BT resonant tunnelling devices
tunnel diodes
SY *resonant tunneling diodes*
RTD

PT resonant tunnelling devices
tunnel diodes
RT quantum interference devices
DEU Resonanztunneldiode

resonant tunnelling transistors
BT resonant tunnelling devices
tunnel transistors
UF *resonant hot electron tunnelling transistors / hot electron transistors + resonant tunnelling transistors*
SY *resonant tunneling transistors*
UF *RHET / hot electron transistors + resonant tunnelling transistors*
PT resonant tunnelling devices
RT heterojunction bipolar transistors
hot electron transistors
DEU Resonanztunneltransistor

Resonanz (Physik)
DEU for resonance

Resonanzinverter
DEU for resonant invertors

Resonanzreaktion
DUS für feedback

Resonanztunnel
DEU for resonant tunnelling

Resonanztunnelbauelement
DEU for resonant tunnelling devices

Resonanztunneldiode
DEU for resonant tunnelling diodes

Resonanztunneltransistor
DEU for resonant tunnelling transistors

Resonanzzustand
DEU for resonant states

Resonator
DEU for resonators

resonator filters
BT filters
NT acoustic resonator filters
cavity resonator filters
dielectric resonator filters
RT cavity resonators
dielectric resonators
microwave filters
millimetre wave filters
passive filters
resonators
surface acoustic wave filters
UHF filters
waveguide filters
DEU Resonatorfilter

Resonator für akustische Oberflächenwellen
DUS für surface acoustic wave resonators

Resonator für Oberflächenschallwellen
DUS für surface acoustic wave resonators

Resonator mit Oberflächenschallwellen
DUS für surface acoustic wave resonators

Resonatorfilter
DEU for resonator filters

resonators
NT cavity resonators
crystal resonators
dielectric resonators
micromechanical resonators
microwave resonators
millimetre wave resonators
optical resonators
strip line resonators
superconducting resonators
UHF resonators
RT LC circuits
oscillations
oscillators
resonance
resonator filters
tuning
waveguide components
DEU Resonator

resource allocation
UF *dining philosophers problem / concurrency control + resource allocation*
SY *load balancing (computers)*
PT operations research
RT DP management
dynamic scheduling
operating systems (computers)
operations research
processor scheduling
DEU Resourcenzuweisung

Resourcenzuweisung
DEU for resource allocation

respirators
USE respiratory protection

respiratory protection
BT protection
SY *masks (respiratory)*
respirators
PT protection
RT health hazards
indoor environment
occupational health
occupational safety
pneumodynamics
protective clothing
safety devices
DEU Atemschutz

response surface methodology
BT surface fitting
PT surface fitting
RT design of experiments
optimisation
DEU Oberflächenreaktionsmethode
DSY Reaktionsoberflächenmethode

restaurants
USE catering industry

Restlebensdauer
DUS für remaining life assessment

Restriction of the use of certain Hazardous Substances
USE RoHS compliance

restriking voltage
BT transients
RT switchgear
DEU Spannungswiedereinschalter

Restwelligkeitsfilter
DUS für equiripple filters

retail data processing
BT marketing data processing
retailing
NT home shopping
point of sale systems
UF *online shopping / Internet + retail data processing*
PT administrative data processing
RT electronic commerce
mobile commerce
DEU Datenverarbeitung im Einzelhandel
DSY Einzelhandelsdatenverarbeitung

retail price index
USE economic indicators

retailing
BT marketing
NT mail order
retail data processing
SY *shops*
PT retail data processing
RT franchising
home shopping
purchasing
vending machines
DEU Einzelhandel

retardants
BT production materials
NT flame retardants
RT inhibitors
DEU Ausrüstungsmittel

reticles
BT masks
PT masks
RT electron beam lithography
integrated circuit technology
phase shifting masks
photolithography
photoresists
DEU Fotomaske
DSY Photomaske
Retikel

Retikel
DUS für reticles

retina
USE eye

retinal recognition
BT vein recognition
SY *retinal scans*
PT biometrics (access control)
image recognition
RT blood vessels
eye
face recognition
feature extraction
iris recognition
DEU Retinal-Erkennung

retinal scans
USE retinal recognition

Retinal-Erkennung
DEU for retinal recognition

retirement
USE termination of employment

retrieval, information
USE information retrieval

retrofitting
USE maintenance engineering

retroflectors
USE retroreflectors

retroreflectors
BT optical elements
SY *retroflectors*
RT light reflection
light refraction
mirrors
optical phase conjugation
reflectivity
refractive index
DEU Retroreflektor
DSY Rückstrahler

Retroreflektor
DEU for retroreflectors

Rettungsroboter
DUS für rescue robots

return on investment
USE cost-benefit analysis
\+ investment

reverberation
RT acoustic resonance
acoustic wave reflection
anechoic chambers (acoustic)
architectural acoustics
echo
reflection
reverberation chambers
DEU Nachhall

reverberation chambers
BT test facilities
SY *stirred-mode chambers*
PT acoustic equipment
acoustical laboratories
RT acoustic variables measurement
acoustics
echo
reverberation
testing
DEU Hallkammer

reverse engineering
BT design engineering
SY *program understanding*
PT design engineering
RT industrial property
program diagnostics
program visualisation
software engineering
DEU Reverse-Engineering

reverse logistics
BT logistics
PT recycling
RT production management
recycling
stock control
supply chain management
DEU reverse Logistik

reverse Logistik
DEU for reverse logistics

reverse martensitic transformations
BT displacive transformations
SY *martensitic transformations, reverse*
martensitic-austenitic transformations
PT martensitic transformations
RT martensitic transformations
DEU umgekehrte martensitische Umwandlung

reverse osmosis
BT filtration
osmosis
SY *hyperfiltration (industrial)*
PT osmosis
RT chemical technology
desalination
membranes
separation
water treatment
DEU Umkehrosmose

Reverse-Engineering
DEU for reverse engineering

reversed field configurations
USE reversed field pinch

reversed field pinch
BT pinch effect
plasma toroidal confinement
SY *field reversed configurations*
reversed field configurations
RFP
PT pinch effect
RT Z pinch
DEU Feldquetschungsumkehr
DSY Gegenfeldpinch
Pinch-Effekt-Fluktuation
Reversed Field Pinch (RFP)

Reversed-Field-Pinch
RFP (Reversed Field Pinch)
umgekehrter Pinch-Effekt
Umkehrfeldpinchentladung

Reversed Field Pinch (RFP)
DUS für reversed field pinch

Reversed-Field-Pinch
DUS für reversed field pinch

reversible shape memory effect
USE shape memory effects

reviews
NT bibliographies
software reviews
SY *literature reviews*
overviews
state of the art studies
DEU Überblick
DSY Übersicht

Revolverpresse
DUS für presses

revolving
USE rotation

rewrite systems
USE rewriting systems

rewriting systems
BT grammars
SY *rewrite systems*
term rewriting systems
PT formal logic
RT formal languages
theorem proving
DEU Termersetzungssystem

Reynolds number
USE flow

Rezeption
DEU for reception

Rf (chemical element)
USE rutherfordium
DEU Rf (chemisches Element)

Rf (chemisches Element)
DEU for Rf (chemical element)

RF amplifiers
USE radiofrequency amplifiers

RF cosmic radiation
USE radiofrequency cosmic radiation

RF discharges
USE high-frequency discharges

RF filters
USE radiofrequency filters

RF heating
USE radiofrequency heating

RF integrated circuits
USE radiofrequency integrated circuits

RF interconnections
USE radiofrequency interconnections

RF oscillators
USE radiofrequency oscillators

RF receivers
USE radio receivers

RF spectra
USE radiofrequency spectra

RF spectrometers
USE radiofrequency spectrometers

RF spectroscopy
USE radiofrequency spectroscopy

RF sputter deposition
USE sputter deposition

RF sputtered coatings
USE sputtered coatings

RF sputtering
USE sputtering

RF traps
USE particle traps

RFI
USE radiofrequency interference

RFIC
USE radiofrequency integrated circuits

RFID
USE radiofrequency identification

RFID (Radiofrequenzidentifikation)
DUS für radiofrequency identification

RFP
USE reversed field pinch

RFP (Reversed Field Pinch)
DUS für reversed field pinch

Rg (chemical element)
USE roentgenium
DEU Rg (chemisches Element)

Rg (chemisches Element)
DEU for Rg (chemical element)

Rh (chemical element)
USE rhodium
DEU Rh (chemisches Element)

Rh (chemisches Element)
DEU for Rh (chemical element)

RHEED
USE reflection high energy electron diffraction

RHEED-Beugung
DUS für reflection high energy electron diffraction

rhenium
BT transition metals
SY *Re (chemical element)*
RT rhenium alloys
rhenium compounds
DEU Rhenium

rhenium alloys
BT transition metal alloys
PT rhenium compounds
RT rhenium
rhenium compounds
DEU Rheniumlegierung

rhenium compounds
BT transition metal compounds
RT rhenium
rhenium alloys
DEU Rheniumverbindung

Rheniumlegierung
DEU for rhenium alloys

Rheniumverbindung
DEU for rhenium compounds

Rhenium
DEU for rhenium

Rheologie
DEU for rheology

rheology
NT biorheology
electrorheology
magnetorheology
SY *Bingham plastics and solids*
RT capillarity
elasticity
flow measurement
mechanics
non-Newtonian flow
non-Newtonian fluids
plastic flow
plasticity
polymer melts
polymer solutions
thixotropy
viscoelasticity
viscosity
DEU Rheologie

Rheometer
DEU for viscometers

RHET
USE hot electron transistors
\+ resonant tunnelling transistors

rho Cas stars
USE supergiant stars
\+ variable stars

rho mesons
BT meson resonances
PT meson resonances
DEU rho-Meson

rho-Meson
DEU for rho mesons

rhodium
BT transition metals
SY *Rh (chemical element)*
RT rhodium alloys
rhodium compounds
DEU Rhodium

rhodium alloys
BT transition metal alloys
PT rhodium compounds
RT rhodium
rhodium compounds
DEU Rhodiumlegierung

rhodium compounds
BT transition metal compounds
RT rhodium
rhodium alloys
DEU Rhodiumverbindung

Rhodiumlegierung
DEU for rhodium alloys

Rhodiumverbindung
DEU for rhodium compounds

Rhodium
DEU for rhodium

rhodopsin
USE proteins

rib waveguides
BT waveguides
RT optical waveguides
DEU Leistenwellenleiter
DSY Rippenwellenleiter

ribonucleic acid
USE RNA

Riccati equations
BT equations
SY *algebraic Riccati equations*
RT matrix algebra
singular optimal control
DEU Riccati-Gleichung

Riccati-Gleichung
DEU for Riccati equations

RICH detectors
USE Cherenkov counters

Richardson-Effekt
DUS für thermionic emission

Richtantenne
DEU for directive antennas

Richtkoppler
DEU for directional couplers

Richtpresse
DUS für presses

Rician channels
BT fading channels
PT telecommunication channels
RT fading
multipath channels
DEU Rician-Kanal

Rician-Kanal
DEU for Rician channels

ridge waveguides
BT rectangular waveguides
PT rectangular waveguides
RT slow wave structures
DEU Kammwellenleiter

RIE
USE sputter etching

Riemann-Cristoffel tensors
USE general relativity
\+ tensors

Riemenscheibe
DUS für pulleys

Riesenimpuls
DUS für Q-switching

Riesenmagnetowiderstand
DUS für colossal magnetoresistance

Riesenmagnetowiderstand
DEU for giant magnetoresistance

Riesenpuls
DUS für Q-switching

Riesenresonanz
DEU for giant resonances

Riesenstern
DEU for giant stars

riesige Magnetoresistenz
DUS für giant magnetoresistance

rifting
USE faulting

Righi-Leduc effect
USE thermomagnetic effects

rigid discs
USE hard discs

rigidity
USE shear modulus

rimming steel
USE steel

Ring (Form)
DEU for rings (structures)

Ring (Struktur)
DUS für rings (structures)

ring current
USE magnetosphere

ring galaxies
USE galaxies

ring imaging Cherenkov detectors
USE Cherenkov counters

ring lasers
BT lasers
PT laser cavity resonators
lasers
RT amplifiers
electromagnetic oscillations
laser cavity resonators
DEU Ringlaser

Ringinterferometer
DEU for Sagnac interferometers

Ringlaser
DEU for ring lasers

rings (structures)
BT shapes (structures)
SY *O-rings*
PT shapes (structures)
RT engine cylinders
mechanical products
pistons
seals (stoppers)
DEU Ring (Form)
DSY Ring (Struktur)

riometers
USE ionospheric measuring apparatus

Rippenwellenleiter
DUS für rib waveguides

Ripplon
DEU for ripplons

ripplons
BT energy states
PT quasi-particles
RT liquid helium
quasiparticles
DEU Ripplon

RISC
USE reduced instruction set computing

RISC (Reduced Instruction Set Computer)
DUS für reduced instruction set computing

rishon model
BT composite particle models
PT composite models of elementary particles
DEU Rishon-Modell

Rishon-Modell
DEU for rishon model

Risikoanalyse
DEU for risk analysis

Risikokapital
DEU for venture capital

Risikomanagement
DEU for risk management

risk analysis
BT risk management
PT risk management
safety
RT accident prevention
safety
venture capital
DEU Risikoanalyse

risk assessment
USE risk management

risk management
BT management
NT risk analysis
UF *entrepreneurship / commerce + innovation management + risk management*
SY *risk assessment*
PT management
RT business continuity
critical infrastructures
insurance
DEU Risikomanagement

Riss
DEU for cracks

Rissdetektion
DEU for flaw detection

Risserkennung
DUS für flaw detection

Rissermittlung
DUS für flaw detection

Rissgeräusch
DUS für burst noise

Risskantenbeanspruchungsfeldanalyse
DEU for crack-edge stress field analysis

Rissnachweis
DUS für crack detection

Rissprüfung
DUS für crack detection

river pollution
BT water pollution
PT rivers
water pollution
RT rivers
DEU Flussbelastung
DSY Flussverschmutzung
Flussverunreinigung

rivers
UF *runoff / hydrology + rivers*
UF *waterways (inland) / canals + lakes + rivers*
PT rivers and lakes
RT canals
floods
groundwater
hydrochemistry
hydrology
lakes
river pollution
sediments
water
water pollution
wetlands
DEU geologischer Fluss

rivers and lakes
DEU Flüsse und Seen

Rivest-Shamir-Adleman cryptography
USE public key cryptography

riveting
BT joining processes
RT fasteners
DEU Nieten

RKKY interaction
BT exchange interactions (electron)
SY *Rudermann-Kittel-Kasuya-Yosida interaction*
PT exchange interactions (electron)
RT spin glasses
DEU RKKY-Wechselwirkung

RKKY-Wechselwirkung
DEU for RKKY interaction

RLC circuits
BT networks (circuits)
RT lumped parameter networks
network topology
RC circuits
DEU RLC-Schaltkreis
DSY RLC-Schaltung

RLC-Schaltkreis
DEU for RLC circuits

RLC-Schaltung
DUS für RLC circuits

RLL codes
USE runlength codes

Rn (chemical element)
USE radon
DEU Rn (chemisches Element)

Rn (chemisches Element)
DEU for Rn (chemical element)

RNA
BT macromolecules
organic compounds
SY *ribonucleic acid*
PT macromolecules
organic compounds
RT gene therapy
molecular biophysics
proteins
DEU RNA (Ribonukleinsäure)

RNA (Ribonukleinsäure)
DEU for RNA

RNS
USE residue number systems

road accidents
BT accidents
PT accidents
RT road safety
road traffic
road vehicles

DEU Straßenunfall
DSY Verkehrsunfall

road bridges
USE bridges (structures)

road building
BT buildings (structures)
construction
RT asphalt
civil engineering
construction equipment
earthmoving equipment
geotechnical engineering
geotechnical structures
roads
DEU Straßenbau

road heating
DEU Straßenheizung

road pricing (tolls)
BT pricing
SY *congestion charging*
road tolls
tolls (road)
RT government policies
intelligent transportation systems
road traffic
road vehicles
roads
tariffs
DEU Maut (Straßengebühr)
DSY Straßengebühr (Zoll)

road safety
BT safety
UF *air bags / aerospace engineering + automotive components + explosive actuated equipment + inflatable structures + road safety*
PT safety
RT automotive engineering
de-icing
intelligent transportation systems
pedestrians
road accidents
roads
seats
DEU Straßenverkehrssicherheit
DSY Verkehrssicherheit

road tolls
USE road pricing (tolls)

road traffic
BT traffic
NT road traffic control
RT automobiles
intelligent transportation systems
rapid transit systems
road accidents
road pricing (tolls)
road vehicles
roads
transportation
DEU Straßenverkehr

road traffic control
BT road traffic
traffic control
PT road traffic
traffic control
RT automobiles
intelligent transportation systems
road vehicles
roads
transportation
DEU Straßenverkehrskontrolle
DSY Straßenverkehrsteuerung
Straßenverkehrsüberwachung

road vehicle radar
BT radar
SY *automotive radar*
PT automotive electronics
radar applications
road vehicles
RT automotive electronics
CW radar
distance measurement
FM radar
radar applications
road vehicles
velocity measurement
DEU Straßenfahrzeugradar

road vehicles
BT vehicles
NT automobiles
motorcycles
UF *tramcars / railway rolling stock + road vehicles*
SY *trolleybuses*
RT automotive electronics
bicycles
intelligent transportation systems
military vehicles
on-board communications
radio tracking
road accidents
road pricing (tolls)
road traffic

road traffic control
road vehicle radar
roads
trolleys
vehicle dynamics
DEU Straßenfahrzeug

roads
NT intelligent transportation systems
SY *highways*
pavements
UF *runways (airports) / airports (structures) + roads*
RT de-icing
road building
road pricing (tolls)
road safety
road traffic
road traffic control
road vehicles
transportation
DEU Straße

RoboCup
USE mobile robots
+ multi-robot systems

robot dynamics
BT dynamics
robots
NT manipulator dynamics
PT dynamics
mobile robots
robots
RT manipulators
mobile robots
robot kinematics
vehicle dynamics
DEU Roboterdynamik

robot kinematics
BT kinematics
robots
NT manipulator kinematics
PT kinematics
mobile robots
robots
RT manipulators
mobile robots
robot dynamics
DEU Roboterbewegung
DSY Roboterkinematik

robot programming
BT programming
robots
PT industrial robots
programming
robots
RT educational robots
industrial robots
DEU Roboterprogrammierung

robot vision
BT computer vision
robots
PT computer vision
RT image sensors
industrial robots
intelligent robots
mobile robots
object detection
object recognition
path planning
pose estimation
SLAM (robots)
stereo image processing
DEU maschinelles Sehen

Roboter
DEU for robots

Roboterbewegung
DEU for robot kinematics

Roboterdynamik
DEU for robot dynamics

robotergestützte Montage
DUS für robotic assembly

robotergestütztes Schweißen
DEU for robotic welding

Roboterkinematik
DUS für robot kinematics

Roboterprogrammierung
DEU for robot programming

robotic assembly
BT assembling
industrial robots
SY *assembly robots*
PT assembling
industrial robots
RT robotic welding
DEU Montageroboter
DSY robotergestützte Montage

robotic welding
BT industrial robots
welding
SY *welding robots*
PT industrial robots
welding

RT robotic assembly
DEU robotergestütztes Schweißen
DSY Schweißroboter

robots
BT automation
NT aerospace robotics
educational robots
human-robot interaction
humanoid robots
industrial robots
intelligent robots
manipulators
medical robotics
microrobots
mobile robots
multi-robot systems
robot dynamics
robot kinematics
robot programming
robot vision
service robots
SLAM (robots)
telerobotics
PT artificial intelligence
RT artificial intelligence
automata theory
biocybernetics
compliance control
control equipment
mechatronics
planning (artificial intelligence)
servomechanisms
tactile sensors
visual servoing
DEU Roboter

robust control
BT stability
NT active disturbance rejection control
UF *robust stability / robust control + stability*
UF *robustness / robust control + stability*
PT stability
RT adaptive control
controllability
fault tolerant control
H-infin filters
H2-control
linear matrix inequalities
nonlinear control systems
sensitivity analysis
uncertain systems
DEU robuste Regelung

robust estimation
USE estimation theory

robust stability
USE robust control
\+ stability

robuste Regelung
DEU for robust control

robustness
USE robust control
\+ stability

ROC analysis
USE sensitivity analysis

Rochelle salt
USE organic compounds
\+ potassium compounds
\+ sodium compounds

rock magnetism
BT geomagnetism
magnetism
RT palaeomagnetism
rocks
DEU Feldmagnetismus

rocket engines
BT aerospace engines
rockets
UF *rocket propellants / fuel + propellants + rocket engines + rockets*
PT rockets
RT aerospace propulsion
ion engines
missiles
propellants
DEU Raketentriebwerk

rocket propellants
USE fuel
\+ propellants
\+ rocket engines
\+ rockets

rockets
NT rocket engines
UF *rocket propellants / fuel + propellants + rocket engines + rockets*
RT aerospace propulsion
aircraft
ballistics
ground support equipment
ground support systems

ion engines
missiles
projectiles
space vehicles
weapons
DEU Rakete

rocks
UF *stone (material) / aggregates (materials) + building materials + rocks*
UF *strata (geology) / rocks + stratigraphy*
PT geophysics
RT clay
coal
drilling (geotechnical)
geology
leaching
lunar rocks
magma
minerals
natural resources
petrology
planetary rocks
quarrying industry
rock magnetism
sediments
soil
DEU Fels
DSY Gestein

rods (structures)
BT shapes (structures)
RT continuum mechanics
DEU Stange (Form)
DSY Stange (Struktur)

Röhre
DEU for pipes

Röntgen rays
USE X-rays

Röntgen-Effekt
DEU for X-ray effects

Röntgen-Kristallografie
DEU for X-ray crystallography

Röntgen-Kristallographie
DUS für X-ray crystallography

Röntgen-Lithografie
DEU for X-ray lithography

Röntgen-Lithographie
DUS für X-ray lithography

Röntgen-Spektrometer
DEU for X-ray spectrometers

Röntgen-Spektrometrie
DEU for X-ray spectroscopy

Röntgen-Spektroskopie
DUS für X-ray spectroscopy

Röntgen-Strahlenwirkung
DUS für X-ray effects

Röntgen-Strahlungswirkung
DUS für X-ray effects

Röntgen-Streuung
DEU for X-ray scattering

Röntgen-Topografie
DEU for X-ray topography

Röntgen-Topographie
DUS für X-ray topography

Röntgenanalysator
DEU for X-ray analysis

Röntgenanalyse
DUS für X-ray analysis

Röntgenanwendung
DEU for X-ray applications

Röntgenapparat
DEU for X-ray apparatus

Röntgenastronomie
DEU for X-ray astronomy

Röntgenbeugung
DEU for X-ray diffraction

Röntgenbild
DEU for X-ray imaging

Röntgendoppelstern
DEU for X-ray binary stars

Röntgenemissionsspektrum
DEU for X-ray emission spectra

Röntgenflüssigkeitsprüfung
DEU for X-ray examination of liquids

Röntgenfluoreszenz-Spektrometrie
DUS für X-ray spectroscopy

Röntgenfluoreszenz-Spektroskopie
DUS für X-ray spectroscopy

Röntgenfluoreszenzspektrometrie
DUS für fluorescence spectroscopy
X-ray spectroscopy

Röntgenfluoreszenzspektrometrie
DEU for X-ray fluorescence analysis

Röntgenfluoreszenzspektroskopie
DUS für X-ray spectroscopy

Röntgengerät
DUS für X-ray apparatus

roentgenium
BT transactinides
SY *eka-gold*
element 111
Rg (chemical element)
unununium
DEU Röntgenium

Röntgenium
DEU for roentgenium

Röntgenkristallografie
DUS für X-ray crystallography

Röntgenkristallographie
DUS für X-ray crystallography

Röntgenlaser
DEU for X-ray lasers

Röntgenlithografie
DUS für X-ray lithography

Röntgenlithographie
DUS für X-ray lithography

Röntgenmaterialprüfung
DEU for X-ray examination of materials

Röntgenmikroskopie
DEU for X-ray microscopy

Röntgenmikrostrukturprüfung
DEU for X-ray examination of microstructure

Röntgenmolekularstrukturprüfung
DEU for X-ray examination of molecular structure

Röntgenmonochromator
DEU for X-ray monochromators

roentgenography
USE radiography

Röntgenphotoelektronenspektrum
DEU for X-ray photoelectron spectra

Röntgenprüfung der Molekülstruktur
DUS für X-ray examination of molecular structure

Röntgenröhre
DEU for X-ray tubes

Röntgenspektrometer
DUS für X-ray spectrometers

Röntgenstrahl
DEU for X-rays

Röntgenstrahlbeugung
DUS für X-ray diffraction

Röntgenstrahlen-Beugungsmesser
DEU for X-ray diffractometers

Röntgenstrahlen-Diffraktometer
DUS für X-ray diffractometers

Röntgenstrahlenabsorption
DEU for X-ray absorption

Röntgenstrahlenabsorptionsspektrum
DEU for X-ray absorption spectra

Röntgenstrahlenabsorptionsstruktur
DEU for XANES

Röntgenstrahlenabsorptionsstruktur (XANES)
DUS für XANES

Röntgenstrahlenbeugungsmesser
DUS für X-ray diffractometers

Röntgenstrahlendetektion
DEU for X-ray detection

röntgenstrahlengestützte Flüssigkeitsanalyse
DUS für X-ray examination of liquids

röntgenstrahlengestützte Molekülstrukturanalyse
DUS für X-ray examination of molecular structure

Röntgenstrahlenoptik
DEU for X-ray optics

Röntgenstrahlenquelle (astronomisch)
DUS für X-ray sources (astronomical)

Röntgenstrahlenreflexion
DEU for X-ray reflection

Röntgenstrahlenspektrum
DEU for X-ray spectra

Röntgenstrahlerzeugung
DEU for X-ray production

röntgenstrahlgestützte Materialprüfung
DUS für X-ray examination of materials

röntgenstrahlgestützte Mikrostrukturanalyse
DUS für X-ray examination of microstructure

röntgenstrahlgestützte Werkstoffprüfung
DUS für X-ray examination of materials

Röntgenstrahlmaske
DEU for X-ray masks

Röntgenstrahlung
DUS für X-rays

Röntgenstrahlungsbeugung
DUS für X-ray diffraction

Röntgentomographie
DEU for X-ray tomography

Röntgentopografie
DUS für X-ray topography

Röntgentopographie
DUS für X-ray topography

Röntgenwerkstoffprüfung
DUS für X-ray examination of materials

Rohr
DUS für pipes

Rohr für elektrische Leitung
DUS für electric conduits

Rohrleitung
DUS für plumbing equipment

Rohrpressanlage (Metall)
DUS für presses

Rohrströmung
DEU for pipe flow

RoHS compliance
BT environmental legislation
SY *Restriction of the use of certain Hazardous Substances*
RT electrical products
electronic equipment manufacture
electronic products
electronics industry
environmental factors
hazardous materials
legislation
soldering
DEU RoHS-Regeltreue
DSY Verbot der Anwendung gefährlicher Stoffe

RoHS-Regeltreue
DEU for RoHS compliance

Rohstoff
DEU for raw materials

Rolle
DUS für pulleys

Roller (Transport)
DEU for rollers (machinery)

roller bearings
USE rolling bearings

rollers (machinery)
BT machinery
RT production equipment
rolling
rolling bearings
rolling mills
DEU Roller (Transport)

rolling
BT manufacturing processes
NT cold rolling
hot rolling
UF *thread rolling / rolling + threading (machining)*
PT cold working

forming processes
RT blooming mills
deformation
finishing
hot working
rollers (machinery)
rolling mills
DEU Walzen

rolling bearings
BT machine bearings
SY *roller bearings*
rolling contact bearings
rolling element bearings
PT machine bearings
RT ball bearings
rollers (machinery)
DEU Wälzlager

rolling contact bearings
USE rolling bearings

rolling element bearings
USE rolling bearings

rolling friction
BT friction
PT friction
DEU Rollreibung

rolling mills
NT blooming mills
SY *mills, rolling*
RT billets
cold working
finishing machines
metallurgical industries
rollers (machinery)
rolling
steel industry
steel manufacture
DEU Walzwerk

Rollreibung
DEU for rolling friction

ROM
USE read-only storage

ROM (Festwertspeicher)
DEU for read-only storage

roof mounted photovoltaics
USE building integrated photovoltaics

roof mounted solar cell arrays
USE building integrated photovoltaics

roofs
BT construction components
RT inflatable structures
tiles
DEU Dach (Bau)

room acoustics
USE architectural acoustics

root loci
BT control theory
graphs
RT control system analysis
control system synthesis
frequency-domain analysis
frequency-domain synthesis
number theory
poles and zeros
stability criteria
transient response
DEU Wurzelortskurve

ropes
BT mechanical products
UF *wire rope / cables (mechanical)* + *ropes*
PT wires
RT cables (mechanical)
wires (general)
DEU Schnur
DSY Seil
Strick
Tau (Niederschlag)

Rossby waves
BT waves
RT atmospheric waves
geophysical fluid dynamics
ocean waves
plasma waves
surface waves (fluid)
DEU Rossby-Welle

Rossby-Welle
DEU for Rossby waves

rotamers
USE rotational isomerism

rotary converters
USE rotary convertors

rotary convertors
BT power convertors
SY *rotary converters*
PT power convertors
RT invertors
power conversion
DEU Drehkonverter
DSY Kreiskonverter
Rotationskonverter

rotary engines
BT internal combustion engines
SY *Wankel engines*
PT internal combustion engines
RT turbines
DEU Kreiskolbenmotor

rotating amplifiers
USE DC generators

rotating bodies
BT dynamics
SY *planetary rotation*
RT galaxies
planets
rotation
stars
DEU Rotationskörper
DSY rotierender Körper

rotating machines (electric)
USE electric machines

rotation
BT dynamics
NT Earth rotation
optical rotation
rotational states
stellar rotation
SY *gyration*
revolving
RT angular velocity measurement
centrifuges
Coriolis force
Einstein-de Haas effect
gyroscopes
rotating bodies
rotation measurement
rotational flow
DEU Rotation (allgemein)
DSY Umdrehung

Rotation (allgemein)
DEU for rotation

rotation measurement
BT spatial variables measurement
PT angular measurement
angular velocity measurement
RT angular measurement
angular velocity measurement
rotation
DEU Umdrehungsmessung

rotational band (nuclear)
USE nuclear rotational states

rotational flow
BT flow
NT vortices
PT flow
RT rotation
swirling flow
DEU Kreisströmung

rotational isomerism
BT isomerism
SY *internal rotation in molecules*
intramolecular rotation
molecular internal rotation
rotamers
PT isomerism
RT optical rotation
rotational states
DEU Rotationsisomerie

rotational states
BT energy states
rotation
SY *lambda doubling*
molecular rotation calculations
molecular rotational states
molecular rotation
PT molecular rotation
molecular rotation calculations
RT librational states
molecular electronic states
molecular force constants
rotational isomerism
rotational-vibrational energy transfer
rotational-vibrational states
spectra (general)
spin-rotation coupling
translational states
vibrational states
DEU Rotationszustand

rotational states, nuclear
USE nuclear rotational states

rotational-vibrational energy transfer
BT molecular collisions
SY *intermolecular vibrations*
molecular rotational energy transfer
molecular rotational excitation
molecular rotational relaxation
molecular rotational-vibrational energy transfer
molecular vibrational energy transfer
molecular vibrational excitation
molecular vibrational relaxation
PT molecular rotational-vibrational energy transfer
RT atom-molecule collisions
atom-molecule reactions
molecule-molecule collisions
molecule-molecule reactions
rotational states
rotational-vibrational states
vibrational states
DEU Rotations-Vibrations-Energieübertragung

rotational-vibrational states
BT energy states
SY *molecular rotation-vibration*
molecular rotation-vibration calculations
molecular rotational-vibrational coupling
molecular rotational-vibrational states
rovibronic levels
PT molecular rotation-vibration calculations
molecular rotation-vibration
RT molecular electronic states
molecular force constants
rotational states
rotational-vibrational energy transfer
spectra (general)
vibrational states
DEU Rotations-Vibrations-Zustand

Rotations-Vibrations-Energieübertragung
DEU for rotational-vibrational energy transfer

Rotations-Vibrations-Zustand
DEU for rotational-vibrational states

Rotationsisomerie
DEU for rotational isomerism

Rotationskörper
DEU for rotating bodies

Rotationskonverter
DUS für rotary convertors

Rotationszustand
DEU for rotational states

rotator phase in solids
USE nuclear magnetic resonance
\+ plastic crystals

rotatory dispersion power
USE optical rotation

rotierender Körper
DUS für rotating bodies

Roton
DEU for rotons

rotons
BT energy states
PT quasi-particles
RT liquid helium
quasiparticles
DEU Roton

Rotor
DEU for rotors

Rotor (mechanisch)
DEU for rotors (mechanical)

rotor model (nuclear)
USE nuclear collective model

rotorcraft
USE helicopters

rotors
BT machine windings
RT AC generators
AC machines
AC motors
cores
electric machines
machine protection
stators
DEU Rotor

rotors (mechanical)
BT machine components
PT rotors
RT blades
discs (structures)
engines
fans
helicopters
impellers
machine tool spindles
turbines
DEU Rotor (mechanisch)

Rotverschiebung
DEU for red shift

rough set theory
BT set theory
PT set theory
RT formal concept analysis
fuzzy set theory
granular computing
uncertain systems
DEU Rough-Set-Theorie

rough surfaces
BT surface phenomena
PT surface topography
RT backscatter
electromagnetic wave scattering
interface roughness
radar cross-sections
speckle
surface roughness
surface topography
surface topography measurement
DEU Rauhheit

Rough-Set-Theorie
DEU for rough set theory

roughness measurement
USE surface topography measurement

roundoff errors
BT errors
SY *finite wordlength effects*
PT errors
RT digital arithmetic
digital filters
logic design
noise
DEU Rundungsfehler

routeing
USE network routing
DEU Routenplanung

Routenplanung
DEU for routeing

Routh methods
BT stability
RT network analysis
polynomials
reduced order systems
DEU Routh-Methode

Routh-Methode
DEU for Routh methods

routing
USE network routing

routing protocols
BT protocols
telecommunication network routing
PT protocols
telecommunication network routing
RT delay tolerant networks
Internet
mobile ad hoc networks
mobile radio
multicast protocols
packet radio networks
telecommunication traffic
transport protocols
vehicular ad hoc networks
DEU Routing-Protokoll

routing, telecommunication
USE telecommunication network routing

Routing-Protokoll
DEU for routing protocols

ROV
USE remotely operated vehicles

rovibronic levels
USE rotational-vibrational states

RPA calculations
SY *random phase approximation*
Tamm-Dancoff approximation
PT electron gas
many-body problems
nuclear theory
RT electron gas
many-body problems
nuclear structure theory
DEU RPA-Berechnung
DSY RPA-Kalkulation

RPA-Berechnung
DEU for RPA calculations

RPA-Kalkulation
DUS für RPA calculations

RPC
USE remote procedure calls

RPI
USE economic indicators

RR Lyr stars
USE variable stars

RR Tel stars
USE novae
\+ symbiotic stars

RRab stars
USE variable stars

RRc stars
USE variable stars

RRs stars
USE variable stars

RS codes
USE Reed-Solomon codes

RS CVn stars
USE binary stars
\+ variable stars

RS-232
USE peripheral interfaces

RSA cryptography
USE public key cryptography

RT Scl stars
USE eclipsing binary stars

RT Ser stars
USE symbiotic stars

RTA
USE rapid thermal annealing

RTD
USE resonant tunnelling diodes

RTG
USE radioisotope thermoelectric generators

RTG (Radioisotope Thermoelectric Generator)
DUS für radioisotope thermoelectric generators

RTP
USE rapid thermal processing

RTTY
USE radiotelegraphy

Ru (chemical element)
USE ruthenium
DEU Ru (chemisches Element)

Ru (chemisches Element)
DEU for Ru (chemical element)

rubber
BT elastomers
organic insulating materials
NT ethylene-propylene rubber
foam rubber
silicone rubber
RT rubber industry
rubber products
vulcanisation
waterproofing
DEU Gummi

rubber industry
BT manufacturing industries
RT rubber
rubber products
DEU Gummiindustrie

rubber products
BT manufactured products
NT tyres
PT rubber industry
rubber
RT foam rubber
hoses
rubber
rubber industry
DEU Gummierzeugnis
DSY Gummiprodukt
Gummiware

rubbing (abrasion)
USE abrasion

rubidium
BT alkali metals
SY *Rb (chemical element)*
RT rubidium alloys
rubidium compounds
DEU Rubidium

rubidium alloys
BT alkali metal alloys
RT rubidium
rubidium compounds
DEU Rubidiumlegierung

rubidium compounds
BT alkali metal compounds
RT rubidium
rubidium alloys
DEU Rubidiumverbindung

Rubidiumlegierung
DEU for rubidium alloys

Rubidiumverbindung
DEU for rubidium compounds

Rubidium
DEU for rubidium

Rubin
DEU for ruby

ruby
BT corundum
RT lasers
DEU Rubin

Rucksackproblem
DEU for knapsack problems

Rudermann-Kittel-Kasuya-Yosida interaction
USE RKKY interaction

Rückdiffusion
DEU for rediffusion

rückgekoppeltes neuronales Netz
DUS für recurrent neural nets

Rückinformation
DUS für feedback

Rückkoppelschwinger
DUS für feedback oscillators

Rückkoppelverstärker
DUS für feedback amplifiers

Rückkopplung
DUS für feedback

Rückkopplungsschwinger
DUS für feedback oscillators

Rückkopplungsverstärker
DUS für feedback amplifiers

rückläufiges neuronales Netz
DUS für recurrent neural nets

Rückmeldung
DUS für feedback

Rückstrahler
DUS für retroreflectors

Rückstrahlvermögen
DEU for albedo

Rückstreuer
DEU for backscatter

Rückstreuung
DUS für backscatter

Rückverfolgung
DEU for backtracking

Rückwärtsausbreitung
DEU for backpropagation

Rückwärtsstreuung
DUS für backscatter

Rückwärtsverkettung
DEU for backward chaining

Rückwärtsverknüpfung
DUS für backward chaining

Rückwärtswellenoszillator
DEU for backward wave oscillators

Rückwärtswellenröhre
DEU for backward wave tubes

Rüstung
DUS für armour

rule based programming
USE logic programming

rule based systems
USE knowledge based systems

rule generation
USE knowledge acquisition
\+ learning (artificial intelligence)

Rundfunk
DEU for broadcasting

Rundfunkantenne
DEU for broadcast antennas

Rundfunkdatensystem
DUS für radio data systems

Rundfunkempfänger
DUS für audio equipment
radio receivers

Rundfunkgerät
DUS für radio broadcasting

Rundfunkkanal
DUS für broadcast channels

Rundfunkkommunikation
DUS für broadcast communication

Rundfunkradio
DUS für radio broadcasting

Rundfunkwelle
DUS für radio applications

Rundhohlleiter
DUS für circular waveguides

Rundstrahlantenne
DEU for omnidirectional antennas

Rundungsfehler
DEU for roundoff errors

Runge-Kutta methods
BT predictor-corrector methods
PT predictor-corrector methods
RT differential equations
DEU Runge-Kutta-Methode
DSY Runge-Kutta-Verfahren

Runge-Kutta-Methode
DEU for Runge-Kutta methods

Runge-Kutta-Verfahren
DUS für Runge-Kutta methods

runlength codes
BT codes
SY *RLL codes*
runlength-limited codes
PT codes
encoding (general)
RT block codes
data compression
Huffman codes
image coding
pulse code modulation
video signals
DEU Lauflängencode

runlength-limited codes
USE runlength codes

runoff
USE hydrology
\+ rivers

runways (airports)
USE airports (structures)
\+ roads

rupture
USE fracture

Ruß (allgemein)
DEU for soot

Russell-Saunders coupling
BT energy states
SY *LS coupling*
PT atomic structure
RT atomic structure
DEU Russell-Saunders-Kopplung

Russell-Saunders-Kopplung
DEU for Russell-Saunders coupling

rust prevention
USE corrosion protection

ruthenium
BT transition metals
SY *Ru (chemical element)*
RT ruthenium alloys
ruthenium compounds
DEU Ruthenium

ruthenium alloys
BT transition metal alloys
PT ruthenium compounds
RT ruthenium
ruthenium compounds
DEU Rutheniumlegierung

ruthenium compounds
BT transition metal compounds
RT ruthenium
ruthenium alloys
DEU Rutheniumverbindung

Rutheniumlegierung
DEU for ruthenium alloys

Rutheniumverbindung
DEU for ruthenium compounds

Ruthenium
DEU for ruthenium

Rutherford backscattering
BT particle backscattering
UF *elastic recoil detection analysis / ion microprobe analysis + nuclear chemical analysis + Rutherford backscattering*
UF *ERDA / ion microprobe analysis + nuclear chemical analysis + Rutherford backscattering*
SY *RBS*
PT particle backscattering
RT ion-surface impact
DEU Rutherford-Rückstreuung

Rutherford-Rückstreuung
DEU for Rutherford backscattering

rutherfordium
BT transactinides
SY *element 104*
Rf (chemical element)
RT rutherfordium compounds
DEU Rutherfordium

rutherfordium compounds
BT transactinide compounds
RT rutherfordium
DEU Rutherfordiumverbindung

Rutherfordiumverbindung
DEU for rutherfordium compounds

Rutherfordium
DEU for rutherfordium

rutile
USE titanium compounds

RV Tau stars
USE supergiant stars
\+ variable stars

RW Aur stars
USE pre-main-sequence stars

RW Cep stars
USE supergiant stars
\+ variable stars

Rydberg states
BT excited states
PT atomic excited states
molecular excited states
RT metastable states
resonant states
triplet state
DEU Rydberg-Zustand

Rydberg-Zustand
DEU for Rydberg states

S (chemical element)
USE sulphur
DEU S (chemisches Element)

S (chemisches Element)
DEU for S (chemical element)

S Dor stars
USE supergiant stars
\+ variable stars

S-DAT
USE digital audio tape

S-matrix theory
BT matrix algebra
SY *scattering matrix*
RT dispersion relations
elementary particle scattering
network parameters
S-parameters
scattering
transmission line matrix methods
DEU S-Matrix-Theorie

S-Matrix-Theorie
DEU for S-matrix theory

S-Parameter
DEU for S-parameters

S-parameters
BT network parameters
SY *scattering parameters*
PT network parameters
RT microstrip discontinuities
S-matrix theory
strip line discontinuities
two-port networks
waveguide discontinuities
DEU S-Parameter

S-SEEDs
USE SEEDs

S-type stars
USE giant stars

SAA
USE open systems

SaaS
USE cloud computing

Sack
DUS für bags

Sackkarre
DUS für trolleys

Sägeblatt
DUS für blades

Sägemaschine
DEU for sawing machines

Sägen
DEU for sawing

Sägezahn-Instabilität
DEU for sawtooth instability

Sägezahngenerator
DEU for ramp generators

Sättigungsdampfdruck
DUS für pressure

Säulenpresse
DUS für presses

safeguards (nuclear)
USE nuclear materials safeguards

safety
NT accident prevention
aerospace safety
agricultural safety
domestic safety
electrical safety
employees safety
failure safety
feed safety
fission reactor safety
food safety
fusion reactor safety
hazards
marine safety
nuclear criticality safety
occupational safety
railway safety
road safety
safety devices
RT accidents
alarm systems
building standards
certification
disasters
ear protection
electric shocks
emergency management
environmental engineering
explosion protection
explosions
eye protection
fault trees
fires
flameproofing
flammability
hazardous areas
hazardous materials
health and safety
health hazards
national security
nuclear materials packaging
nuclear materials safeguards
nuclear materials transportation
protection
radioactive pollution
residual current devices
risk analysis
safety systems
safety-critical software
tritium handling
DEU Gefahrlosigkeit
DSY Sicherheit (Gefahrenschutz)

safety devices
BT safety
UF *seat belts / belts + safety devices + seats*
PT safety
RT accident prevention
alarm systems
explosive actuated equipment
protective clothing
railway safety
respiratory protection
smoke detectors
DEU Sicherheitsausrüstung
DSY Sicherheitseinrichtung
Sicherheitsgerät
Sicherheitstechnik
Sicherungsgerät

safety in the home
USE domestic safety

safety systems
BT security
UF *combination locks (electronic) / digital circuits + safety systems*
SY *intrusion detectors*
RT access control
alarm systems
emergency lighting
explosions
plastic cards
safety
smart cards
terrorism
DEU Sicherheitssystem

safety-critical software
BT computer software
software reliability
PT safety
software reliability
RT aerospace computing
medical computing
military computing
safety
security of data
DEU sicherheits-kritische Software
DSY sicherheitskritische Software

sagging, overhead lines
USE overhead line mechanical characteristics

Sagnac interferometers
BT light interferometers
PT light interferometers
RT fibre optic sensors
DEU Ringinterferometer
DSY Sagnac-Interferometer

Sagnac-Interferometer
DUS für Sagnac interferometers

Saint Venant equations
USE shallow water equations

Salam-Weinberg model
USE Weinberg model

salaries
BT remuneration
SY *payroll*
wages
PT salaries and wages
RT employment
payroll data processing
personnel
DEU Gehalt (Lohn)

sales management
BT management
marketing
UF *sales promotion / promotion (marketing) + sales management*
PT marketing
RT franchising
promotion (marketing)
DEU Verkaufsmanagement

sales order processing
USE order processing

sales promotion
USE promotion (marketing)
\+ sales management

Salinität (geophysikalisch)
DEU for salinity (geophysical)

salinity (geophysical)
RT desalination
geochemistry
ocean chemistry
oceanography
seawater
soil
DEU Salinität (geophysikalisch)

salt water conversion
USE desalination

Salzlösung
DEU for sols

samarium
BT rare earth metals
SY *Sm (chemical element)*
RT samarium alloys
samarium compounds
DEU Samarium

samarium alloys
BT rare earth alloys
PT rare earth alloys
RT samarium
samarium compounds
DEU Samariumlegierung

samarium compounds
BT rare earth compounds
RT samarium
samarium alloys
DEU Samariumverbindung

Samariumlegierung
DEU for samarium alloys

Samariumverbindung
DEU for samarium compounds

Samarium
DEU for samarium

Sammelleitung
DUS für manifolds

Sammelschiene
DEU for busbars

Sammlung physikalischer Daten
DUS für collections of physical data

SAMO calculations
USE ab initio calculations
\+ orbital calculations

sample and hold circuits
BT analogue storage
SY *track and hold circuits*
PT analogue storage
RT peak detectors
DEU Sample-and-hold-Schaltung

sample holders
BT specimen preparation
SY *specimen holders*
PT specimen preparation
RT cryostats
electron microscopy
low-temperature techniques
vacuum techniques
DEU Probenhalter

sample preparation
USE specimen preparation
DEU Probenaufbereitung

Sample-and-hold-Schaltung
DEU for sample and hold circuits

sampled data circuits
BT networks (circuits)
sampled data systems
NT sampled data filters
PT sampled data systems
RT analogue integrated circuits
analogue-digital conversion
integrating circuits
switched capacitor networks
DEU Abtast-Daten-Schaltung
DSY Sampled-Data-Schaltung

sampled data filters
BT discrete time filters
sampled data circuits
PT sampled data systems
RT active filters
digital filters
switched capacitor filters
switched filters
DEU Abtast-Daten-Filter
DSY Sampled-Data-Filter

sampled data systems
BT discrete systems
NT sampled data circuits
SY *discontinuous control systems*
pulse control systems
RT discrete time systems
sampling methods
Z transforms
DEU Abtast-Daten-System
DSY Sampled-Data-System

Sampled-Data-Filter
DUS für sampled data filters

Sampled-Data-Schaltung
DUS für sampled data circuits

Sampled-Data-System
DUS für sampled data systems

sampling circuits
USE analogue-digital conversion
\+ signal processing equipment

sampling methods
BT statistical analysis
NT importance sampling
signal sampling
PT statistical analysis
RT interpolation
Monte Carlo methods
probability
sampled data systems
DEU Stichprobenmethode

sampling, image
USE image sampling

sampling, signal
USE signal sampling

sand
BT materials
RT mortar
oil sands
porous materials
quarrying industry

sediments
soil
DEU Sand (allgemein)

Sand (allgemein)
DEU for sand

sand casting
BT casting
PT casting
DEU Sandgießen

sandblasting
BT surface finishing
PT surface treatment
RT cleaning
surface roughness
DEU Sandstrahlen

Sandgießen
DEU for sand casting

Sandhaufen-Modell
DEU for sandpile models

sandpile models
BT cellular automata
lattice theory
RT self-organised criticality
DEU Sandhaufen-Modell

Sandstrahlen
DEU for sandblasting

sandwich structures
BT shapes (structures)
PT shapes (structures)
RT construction components
honeycomb structures
laminates
lightweight structures
sheet materials
structural panels
thin wall structures
DEU Sandwich-Bauweise
DSY Sandwichform

Sandwich-Bauweise
DEU for sandwich structures

Sandwichform
DUS für sandwich structures

Sanierung von Altlastdeponien
DUS für contaminated site remediation

sanitäre Ausrüstung
DUS für plumbing equipment

Sanitärtechnik
DEU for sanitary engineering

sanitary engineering
BT civil engineering
SY *sewers*
RT environmental engineering
sewage treatment
waste disposal
water treatment
DEU Sanitärtechnik

Saphir
DEU for sapphire

sapphire
BT corundum
PT aluminium compounds
DEU Saphir

SAR
USE synthetic aperture radar

Sarbanes-Oxley Act
USE auditing
\+ legislation

Satellit
DEU for artificial satellites

satellite antennas
BT satellite communication
space vehicle antennas
PT microwave antennas
reflector antennas
RT microwave antennas
mobile satellite communication
multibeam antennas
reflector antennas
satellite ground stations
shaped beam antennas
VSAT networks
DEU Satellitenantenne

satellite atmospheres
USE planetary atmospheres

satellite borne radar
USE spaceborne radar

satellite broadcasting
USE direct broadcasting by satellite

satellite communication
BT telecommunication
NT direct broadcasting by satellite
mobile satellite communication
satellite antennas
satellite ground stations
satellite links
satellite navigation
satellite telemetry
VSAT networks
SY *communication satellites*
comsats
relay systems (satellite)
UF *satellite relay systems / relay networks (telecommunication) + satellite communication*
UF *TDRSS / satellite communication + satellite tracking*
UF *Tracking and Data Relay Satellite System / satellite communication + satellite tracking*
PT satellite relay systems
RT artificial satellites
business communication
digital radio
military communication
space communication links
DEU Satellitenkommunikation
DSY Satellitenübertragung

satellite computers
BT digital computers
NT coprocessors
UF *add-on computers / coprocessors + satellite computers*
SY *front-end processors*
peripheral processors
slave computers
RT add-on boards
data communication equipment
DEU Satellitencomputer
DSY Satellitenrechner

satellite ground stations
BT satellite communication
SY *very small aperture terminals*
VSAT
PT ground support systems
satellite relay systems
RT antennas
satellite antennas
telecommunication equipment
VSAT networks
DEU Erdfunkstelle
DSY Satellitenbasisstation

satellite links
BT satellite communication
telecommunication links
SY *intersatellite links*
RT artificial satellites
microwave propagation
space communication links
transponders
DEU Satellitenübertragung
DSY Satellitenverbindung

satellite mobile communication
USE mobile satellite communication

satellite navigation
BT radionavigation
satellite communication
NT Global Positioning System
SY *Beidou satellite navigation system*
Galileo (satellite navigation)
Galileo satellite navigation system
Global Navigation Satellite system
Global Orbiting Navigation Satellite System
GLONASS
GNSS
PT radionavigation
satellite relay systems
RT aircraft navigation
marine navigation
DEU Satellitennavigation

satellite relay systems
USE relay networks (telecommunication)
\+ satellite communication

satellite switched time division multiple access
USE time division multiple access

satellite telemetry
BT satellite communication
space telemetry
PT telemetering
telemetering equipment
telemetering systems
RT satellite tracking
DEU Satellitenfernmessung
DSY Satellitentelemetrie

satellite tracking
BT tracking
UF *TDRSS / satellite communication + satellite tracking*
UF *Tracking and Data Relay Satellite System / satellite communication + satellite tracking*

PT tracking systems
tracking
RT artificial satellites
object tracking
radio tracking
satellite telemetry
DEU Satellitenverfolgung

satellite TV
USE direct broadcasting by satellite
\+ television broadcasting

Satellitenantenne
DEU for satellite antennas

Satellitenbasisstation
DUS für satellite ground stations

Satellitencomputer
DEU for satellite computers

Satellitenfernmessung
DEU for satellite telemetry

Satellitenkommunikation
DEU for satellite communication

Satellitennavigation
DEU for satellite navigation

Satellitenradar
DEU for spaceborne radar

Satellitenrechner
DUS für satellite computers

Satellitentelemetrie
DUS für satellite telemetry

Satellitenübertragung
DUS für satellite communication

Satellitenübertragung
DEU for satellite links

Satellitenverbindung
DUS für satellite links

Satellitenverfolgung
DEU for satellite tracking

satellites, artificial
USE artificial satellites

satellites, planetary
USE planetary satellites

Saticons
USE television camera tubes

satisfiability
USE computability

saturable absorption, optical
USE optical saturable absorption

saturable core reactors
BT reactors (electric)
SY *saturable reactors*
transductors
RT coils
cores
magnetic amplifiers
magnetic circuits
magnetic cores
DEU gesättigter Kernreaktor
DSY saturabler Kernreaktor

saturable reactors
USE saturable core reactors

saturabler Kernreaktor
DUS für saturable core reactors

saturation effects, optical
USE optical saturation

saturation transfer
USE paramagnetic resonance

Saturn
BT planets
PT planets
DEU Saturn (Planet)

Saturn (Planet)
DEU for Saturn

Satztechnik
DEU for typesetting

Sauerstoff
DEU for oxygen

Sauerstoffpartialdruck
DUS für pressure

Sauerstoffverbindung
DEU for oxygen compounds

Saugfilter
DEU for notch filters

Saugpresse
DUS für presses

sausage instability
BT plasma instability
PT plasma instability
RT plasma confinement
plasma fluctuations
plasma oscillations
DEU Sausage-Instabilität

Sausage-Instabilität
DEU for sausage instability

SAW
USE surface acoustic waves

SAW convolution
USE surface acoustic wave convolution

SAW correlation
USE surface acoustic wave correlation

SAW couplers
USE surface acoustic wave couplers

SAW delay lines
USE surface acoustic wave delay lines

SAW devices
USE surface acoustic wave devices

SAW filters
USE surface acoustic wave filters

SAW oscillators
USE surface acoustic wave oscillators

SAW resonator filters
USE surface acoustic wave resonator filters

SAW resonators
USE surface acoustic wave resonators

SAW sensors
USE surface acoustic wave sensors

SAW signal processing
USE surface acoustic wave signal processing

SAW transducers
USE surface acoustic wave transducers

SAW waveguides
USE surface acoustic wave waveguides

SAW-Resonator
DUS für surface acoustic wave resonators

SAW-Resonator, OFW-Resonator
DUS für surface acoustic wave resonators

sawing
BT machining
PT cutting
RT cutting
DEU Sägen

sawing machines
BT machine tools
PT machine tools
RT chains
DEU Sägemaschine

sawtooth generators
USE waveform generators

sawtooth instability
BT plasma instability
PT plasma instability
RT plasma confinement
plasma fluctuations
plasma oscillations
DEU Sägezahn-Instabilität

Sb (chemical element)
USE antimony
DEU Sb (chemisches Element)

Sb (chemisches Element)
DEU for Sb (chemical element)

Sbumillimeterheterodynempfänger
DUS für submillimetre wave receivers

SBus
USE system buses

Sc (chemical element)
USE scandium

SC (sudden commencement)
USE magnetic storms

SC filters
USE switched capacitor filters

SC networks
USE switched capacitor networks

SC stars
USE giant stars

SCADA systems
BT control systems
data acquisition
SY *supervisory control and data acquisition systems*
PT data acquisition
RT demand side management
load management
power system control
substation automation
DEU SCADA-System
DSY Supervisorsteuerungs- und Datenerwerbungssystem
Supervisorsteuerungs- und Datenübernahmesystem

SCADA-System
DEU for SCADA systems

Scalable Coherent Interface
USE system buses

scale invariance
USE scaling phenomena

scale-free networks
USE complex networks

scale-invariant feature transforms
USE transforms

scalers (circuits)
USE scaling circuits

scales
USE balances

scaling circuits
BT counting circuits
NT prescalers
SY *scalers (circuits)*
PT counting circuits
DEU Scaling-Schaltung

scaling phenomena
SY *scale invariance*
PT quantum field theory
RT elementary particle theory
EMC effect
quantum field theory
renormalisation
DEU Scaling-Phänomen

Scaling-Phänomen
DEU for scaling phenomena

Scaling-Schaltung
DEU for scaling circuits

scandium
BT transition metals
SY *Sc (chemical element)*
RT scandium alloys
scandium compounds
DEU Scandium

scandium alloys
BT transition metal alloys
PT scandium compounds
RT scandium
scandium compounds
DEU Scandiumlegierung

scandium compounds
BT transition metal compounds
RT scandium
scandium alloys
DEU Scandiumverbindung

Scandiumlegierung
DEU for scandium alloys

Scandiumverbindung
DEU for scandium compounds

Scandium
DEU for scandium

Scangerät
DUS für image scanners

Scanner
DUS für image scanners

scanner aberration
USE aberrations

Scanner-Aberration
DUS für aberrations

scanners, bar code
USE mark scanning equipment

scanners, image
USE image scanners

scanners, optical
USE optical scanners

scanning acoustic microscopes
USE acoustic microscopes

scanning acoustic microscopy
USE acoustic microscopy

scanning antennas
BT antennas
PT antennas
DEU Abtastantenne

scanning electron microscopes
BT electron microscopes
PT electron microscopes
RT scanning electron microscopy
DEU Rasterelektronenmikroskop

scanning electron microscopy
BT electron microscopy
SY *SEM*
PT electron microscopy
RT EBIC
scanning electron microscopes
DEU Rasterelektronenmikroskopie

scanning force microscopy
USE atomic force microscopy

scanning ion microscopes
USE ion microscopes

scanning ion microscopy
USE ion microscopy

scanning near-field optical microscopy
USE near-field scanning optical microscopy

scanning optical microscopes
USE optical microscopes

scanning optical microscopy
USE optical microscopy

scanning probe microscopy
BT microscopy
NT atomic force microscopy
magnetic force microscopy
near-field scanning optical microscopy
scanning tunnelling microscopy
SY *SPM*
RT cantilevers
DEU Rastersondenmikroskopie

scanning radiography
USE radiography

scanning tunnelling microscopy
BT scanning probe microscopy
SY *STM*
PT electron microscopy
tunnelling
RT atomic force microscopy
electron microscopy
magnetic force microscopy
nanotechnology
scanning tunnelling spectroscopy
surface structure
tunnelling
DEU Rastertunnelmikroskopie

scanning tunnelling spectroscopy
BT tunnelling spectroscopy
PT scanning tunnelling microscopy
tunnelling spectroscopy
RT scanning tunnelling microscopy
tunnelling
tunnelling spectra
DEU Rastertunnel-Spektroskopie
DSY Rastertunnelspektroskopie

scanning X-ray microscopy
USE X-ray microscopy

scanning-transmission electron microscopes
BT electron microscopes
PT electron microscopes
RT scanning-transmission electron microscopy
DEU Rastertransmissionselektronenmikroskop

scanning-transmission electron microscopy
BT electron microscopy
SY *STEM*
PT electron microscopy
RT scanning-transmission electron microscopes
DEU Rastertransmissionselektronenmikroskopie

scattering
NT acoustic wave scattering
backscatter
electromagnetic wave scattering
potential scattering
UF *attenuation / absorption + dispersion (wave) + scattering + transmission*
SY *wave scattering*

RT albedo
collision processes
elementary particle scattering
reflection
refraction
S-matrix theory
wave propagation
DEU Streuung

scattering matrix
USE S-matrix theory

scattering parameters
USE S-parameters

scatternets
USE personal area networks

SCC
USE stress corrosion cracking

SCF calculations
SY *Hartree calculations*
self-consistent field methods
UF *VRDDO calculations / NDO calculations + SCF calculations*
PT self-consistent field methods
RT atomic structure
HF calculations
Xalpha calculations
DEU SCF-Berechnung
DSY SCF-Kalkulation

SCF-Berechnung
DEU for SCF calculations

SCF-Kalkulation
DUS für SCF calculations

Schaden
DEU for injuries

Schädlingsbekämpfung
DEU for pest control

Schätztheorie
DEU for estimation theory

Schätzung von Energiesystemparametern
DEU for power system parameter estimation

Schätzung von Stromsystemparametern
DUS für power system parameter estimation

Schale (Form)
DUS für shells (structures)

Schalengießen
DEU for shell casting

Schalenmodell des Atom
DUS für nuclear shell model

Schall-Licht-Faltung
DUS für acousto-optical convolution

Schallabsorber
DEU for acoustic absorbers

Schallabsorption
DEU for acoustic wave absorption

Schallanalyse
DUS für acoustic analysis

Schallausbreitung
DEU for acoustic wave propagation

Schallausbreitung in Flüssighelium
DUS für liquid helium sound propagation

Schalldämpfer
DEU for silencers

Schalldruck
DUS für pressure

Schallemission
DEU for acoustic emission

Schallemissionsprüfung
DEU for acoustic emission testing

Schallempfänger
DUS für acoustic receivers

Schallempfänger- und Sender
DUS für acoustic transducers

Schallfaltung
DUS für acoustic convolution

Schallfeld
DEU for acoustic field

Schallfilter
DUS für acoustic filters

Schallfokussierung
DUS für acoustic focusing

Schallgenerator
DUS für acoustic generators

Schallgeschwindigkeit
DEU for acoustic wave velocity

Schallgeschwindigkeitsmessung
DUS für acoustic wave velocity measurement

Schallimpedanz
DUS für acoustic impedance

Schalllabor
DUS für acoustical laboratories

Schalllaboratorium
DUS für acoustical laboratories

Schallleistung
DUS für acoustic intensity

Schallmagnetresonanz
DUS für acoustic magnetic resonance

Schallmessung
DUS für acoustic measurement
acoustic noise measurement

Schallortung
DEU for sound ranging

Schallpegelprüfung
DUS für acoustic emission testing

Schallresonanz
DUS für acoustic resonance

Schallresonatorfilter
DUS für acoustic resonator filters

Schallsender
DEU for sound generators

Schallsender und -Empfänger
DUS für acoustic transducers

Schallstärke
DUS für acoustic intensity

Schallstärkemessen
DEU for acoustic intensity measurement

Schallstärkemessung
DUS für acoustic intensity measurement

Schallstoß
DUS für acoustic pulses

Schallstrahler
DEU for acoustic radiators

Schallstreuung
DUS für acoustic dispersion

Schallströmung
DUS für acoustic streaming

schalltoter Raum
DUS für anechoic chambers (acoustic)

Schallübertragung
DEU for acoustic wave transmission

Schallverzögerungsleitung
DUS für acoustic delay lines

Schallwandler-Array
DUS für acoustic transducer arrays

Schallwandlerarray
DUS für acoustic transducer arrays

Schallwandlergruppe
DUS für acoustic transducer arrays

Schallwelle
DUS für acoustic waves

Schallwellenabsorption
DUS für acoustic wave absorption

Schallwellenbeugung
DEU for acoustic wave diffraction

Schallwellenbrechung
DEU for acoustic wave refraction

Schallwellenemission
DUS für acoustic emission

Schallwellenemissionsprüfung
DUS für acoustic emission testing

Schallwellenerzeugung
DUS für acoustic wave production

Schallwellenfeld
DUS für acoustic field

Schallwelleninterferenz
DEU for acoustic wave interference

Schallwelleninterferometrie
DUS für acoustic wave interferometry

Schallwellenleiter
DUS für acoustic waveguides

Schallwellenproduktion
DUS für acoustic wave production

Schallwellenreflexion
DEU for acoustic wave reflection

Schallwellenstoß
DUS für acoustic pulses

Schallwellenstreuung
DEU for acoustic wave scattering

Schallwellenverstärkung
DEU for acoustic wave amplification

Schaltbild
DEU for circuit diagrams

Schalten
DEU for switching

Schalter
DUS für contactors

Schalter
DEU for switches

Schaltfilter
DEU for switched filters

Schaltfunktion
DEU for switching functions

Schaltgetriebe
DEU for switchgear

Schaltgetriebeisolation
DEU for switchgear insulation

Schaltgetriebeprüfung
DEU for switchgear testing

Schaltgetriebeschutz
DEU for switchgear protection

Schaltgetriebetest
DUS für switchgear testing

Schaltkreis (Schaltanlage)
DEU for switching circuits

Schaltkreis-CAD
DEU for circuit CAD

Schaltkreisabgleich
DEU for circuit tuning

Schaltkreisabstimmung
DUS für circuit tuning

Schaltkreisbistabilität
DEU for circuit bistability

Schaltkreisentwurf
DEU for circuit layout

Schaltkreisentwurfsautomatisierung
DUS für electronic design automation

Schaltkreisfertigung (integrierte Schaltung)
DUS für integrated circuit manufacture

Schaltkreisgestaltung
DUS für printed circuit layout

Schaltkreisherstellung (integrierte Schaltung)
DUS für integrated circuit manufacture

Schaltkreiskomplexität
DEU for circuit complexity

Schaltkreislayout
DUS für printed circuit layout

Schaltkreisoptimierung
DEU for circuit optimisation

Schaltkreisoszillation
DEU for circuit oscillations

Schaltkreisproduktion (integrierte Schaltung)
DUS für integrated circuit manufacture

Schaltkreispüfung
DEU for circuit testing

Schaltkreisrauschen
DEU for circuit noise

Schaltkreisresonanz
DEU for circuit resonance

Schaltkreisrückkopplung
DEU for circuit feedback

Schaltkreissimulation
DEU for circuit simulation

Schaltkreistest
DUS für circuit testing

Schaltkreistheorie
DEU for circuit theory

Schaltkreistuning
DUS für circuit tuning

Schaltkreisunterbrechungslichtbogen
DEU for circuit-breaking arcs

Schaltkreiswirtschaft
DUS für integrated circuit economics

Schaltkreiszuverlässigkeit
DEU for circuit reliability

Schaltkupplung
DEU for clutches

Schaltnetz
DUS für switching networks

Schaltnetz (Telekommunikation)
DEU for relay networks (telecommunication)

Schaltnetzteil
DEU for switched mode power supplies

Schaltnetzwerk
DUS für switching networks

Schaltschütz
DUS für contactors

Schaltumrichter
DEU for switching convertors

Schaltung
DUS für switching

Schaltung mit mehrwertiger Logik
DUS für multivalued logic circuits

Schaltungs-CAD
DUS für circuit CAD

Schaltungsabgleich
DUS für circuit tuning

Schaltungsabstimmung
DUS für circuit tuning

schaltungsanalytische Computeranwendung
DUS für circuit analysis computing

schaltungsanalytische Rechneranwendung
DUS für circuit analysis computing

Schaltungsbistabilität
DUS für circuit bistability

Schaltungsbonden
DEU for integrated circuit bonding

Schaltungsentwurfsautomatisierung
DUS für electronic design automation

Schaltungskomplexität
DUS für circuit complexity

Schaltungsoptimierung
DUS für circuit optimisation

Schaltungsoszillation
DUS für circuit oscillations

Schaltungspackung
DEU for integrated circuit packaging

Schaltungsprüfung
DUS für circuit testing

Schaltungsrauschen
DUS für circuit noise

Schaltungsrauschen (integrierte Schaltung)
DUS für integrated circuit noise

Schaltungsresonanz
DUS für circuit resonance

Schaltungsrückkopplung
DUS für circuit feedback

Schaltungssimulation
DUS für circuit simulation

Schaltungsstabilität
DEU for circuit stability

Schaltungstest
DUS für circuit testing

Schaltungstheorie
DUS für circuit theory

Schaltungstheorie
DEU for switching theory

Schaltungstuning
DUS für circuit tuning

Schaltungsunterbrechungslichtbogen
DUS für circuit-breaking arcs

Schaltungswirtschaft
DUS für integrated circuit economics

Schaltungswirtschaftsertrag
DEU for integrated circuit yield

Schaltungswirtschaftsgewinn
DUS für integrated circuit yield

Schaltungszuverlässigkeit
DUS für circuit reliability

Schaltvorgang
DEU for switching transients

Scharnier
DEU for hinges

Schaubild
DUS für graphs

Schauerzähler
DUS für shower counters

Schaum
DEU for foams

Schaumgummi
DEU for foam rubber

Schaumpolymer
DUS für polymer foams

Schaumstoff
DUS für foams

Scheckverarbeitung
DEU for cheque processing

Scheduler für Echtzeitsystem
DUS für processor scheduling

scheduling
BT operations research
project engineering
NT adaptive scheduling
dynamic scheduling
flow shop scheduling
job shop scheduling
master production scheduling
power generation scheduling
processor scheduling
push-pull production
single machine scheduling
UF *scheduling, production /*
production control + *scheduling*
PT operations research
project engineering
RT critical path analysis
decision theory
game theory
management
optimisation
probability
statistics
systems engineering
work in progress
DEU Arbeitplanung
DSY Arbeitsplan
Fahrplan

scheduling, production
USE production control
\+ scheduling

Scheduling-Heuristiken für Multiprozessorsystem
DUS für processor scheduling

Schedulingproblem einer einzelnen Maschine
DUS für single machine scheduling

Scheibe (Form)
DEU for discs (structures)

Scheinleistung
DEU for reactive power

Scheinwiderstand
DEU for electric impedance

Scheinwiderstandsmatrix
DUS für impedance matrix

Scheinwiderstandsmessung
DUS für electric admittance measurement

Schelzprozess
DEU for melt processing

Scheme
BT functional languages
PT functional languages
LISP
RT LISP
Scheme listings
DEU Scheme (Programmiersprache)

Scheme (Programmiersprache)
DEU for Scheme

Scheme listings
BT complete computer programs
PT complete computer programs
RT Scheme
DEU Scheme-Programm

Scheme-Programm
DEU for Scheme listings

Scheren
DUS für shearing

Scherfestigkeit
DEU for shear strength

Scherpunktmodell
DEU for scission point model

Scherschneiden
DUS für shearing

Scherströmung
DEU for shear flow

Scherturbulenz
DEU for shear turbulence

Scheuern (Werkstoffbehandlung)
DEU for scrubbers (materials handling)

Schichtablösung
DUS für delamination

Schichtentrennung
DUS für delamination

Schichtherstellung
DEU for layered manufacturing

Schichttrennung
DUS für delamination

Schieberegister
DEU for shift registers

Schiefergas
DEU for shale gas

Schiene
DEU for rails

Schienengeschütz
DEU for railguns

Schienenverkehr
DEU for rail traffic

Schiff
DEU for ships

Schiffbau
DEU for shipbuilding industry

Schiffbauindustrie
DUS für shipbuilding industry

Schifffahrtscomputeranwendung
DUS für naval engineering computing

Schifffahrtsrechneranwendung
DUS für naval engineering computing

Schiffsantrieb
DEU for marine propulsion

Schiffsantriebsanlage
DUS für marine propulsion

Schiffsenergiesystem
DEU for marine power systems

Schiffsfernmessung
DUS für marine telemetry

Schiffskommunikation
DUS für marine communication

Schiffsnavigation
DUS für marine navigation

Schiffsradar
DUS für marine radar

Schiffsschraube
DUS für propellers

Schiffssicherheit
DUS für marine safety

Schiffssteuerung
DUS für marine control

Schiffsstromsystem
DUS für marine power systems

Schiffssystem
DUS für marine systems

Schiffstechnik
DUS für marine engineering

schiffstechnisches System
DUS für marine systems

Schiffsunfall
DEU for marine accidents

Schiffsunglück
DUS für marine accidents

Schimmer
DUS für speckle

schizons
USE elementary particle weak interactions

Schlacke
DEU for slag

Schlaf
DEU for sleep

Schlagen (Pressen)
DUS für pressing

Schlagpresse
DUS für presses

Schlagprüfung
DEU for impact testing

Schlamm
DEU for slurries

schlanke Fertigung
DEU for lean production

Schlauch
DEU for hoses

Schlauchpresse
DUS für presses

Schleifen
DEU for grinding

Schleifenband
DEU for kink bands

Schleifeninstabilität
DUS für kink instability

Schleifhilfsmittel
DUS für abrasives

Schleifmaschine
DEU for grinding machines

Schleifmittel
DEU for abrasives

Schleuderbeschichten
DEU for spin coating

Schleudergießen
DEU for centrifugal casting

Schlichten (Materialbearbeitung)
DEU for sizing (materials processing)

schlieren devices
USE schlieren systems

schlieren systems
SY *schlieren devices*
RT interferometry
photography
DEU Schlieren-System

Schlieren-System
DEU for schlieren systems

Schlierenkamera
DEU for streak cameras

Schlitzantenne
DEU for slot antennas

Schlitzantennenfeld
DEU for slot antenna arrays

Schlitzantennengruppe
DUS für slot antenna arrays

Schlitzgruppenantenne
DUS für slot antenna arrays

Schlitzleitung
DEU for fin lines

Schlitzleitungskomponente
DEU for fin line components

Schlitzwellenleiter
DEU for slot lines

Schlitzwellenleiterbauteil
DEU for slot line components

Schlitzwellenleiterkomponente
DUS für slot line components

Schlüssel
DEU for keys (locking)

Schlupf (Asynchronmaschine)
DEU for slip (asynchronous machines)

Schlussfolgerung über Programme
DEU for reasoning about programs

Schmelzcarbonatbrennstoffzelle
DEU for molten carbonate fuel cells

Schmelzen
DUS für dissolving
melt processing

Schmelzen
DEU for melting

Schmelzinfiltration
DEU for melt infiltration

Schmelzofen
DEU for furnaces

Schmelzpunkt
DEU for melting point

Schmelzschweißen
DEU for fusion welding

Schmelzspinnen (allgemein)
DEU for melt spinning

Schmelztauchen
DUS für hot dipping

Schmelztexturieren
DEU for melt texturing

Schmelzverarbeitung
DUS für melt processing

Schmelzwärme
DEU for heat of fusion

Schmieden
DEU for forging

Schmiedepresse
DUS für presses

Schmierfett
DEU for greases

Schmieröl
DEU for lubricating oils

Schmierpresse
DUS für presses

Schmierseife
DEU for soaps

Schmierstoff
DEU for lubricants

Schmierstoffdruck
DUS für pressure

Schmierung
DEU for lubrication

Schmitt trigger
USE trigger circuits

Schnapsbrennerei
DUS für distilleries

Schnee
DEU for snow

Schneidpresse
DUS für presses

Schneidwerkzeug
DUS für cutting tools

Schnellantwortcomputer
DEU for fast-response computer systems

schnelle Fertigung
DUS für agile manufacturing

schnelle Fertigung
DEU for rapid tooling

schnelle Fourier-Transformation
DEU for fast Fourier transforms

schnelle Wärmebehandlung
DEU for rapid thermal processing

schneller Flüssigmetall-Brutreaktor
DEU for liquid metal fast breeder reactors

schneller Prototypenbau
DUS für rapid prototyping (industrial)

schnelles thermisches Ausheilen
DEU for rapid thermal annealing

Schnelltransportsystem
DEU for rapid transit systems

Schnittstellenphänomen
DUS für interface phenomena

Schnittstellenphonon
DEU for interface phonons

Schnittstellenrauhigkeit
DUS für interface roughness

Schnur
DEU for ropes

schnurloses Fernsprechsystem
DEU for cordless telephone systems

schnurloses Telefon
DUS für cordless telephone systems

schnurloses Telefonsystem
DUS für cordless telephone systems

Schockmessung
DEU for shock measurement

Schockwellenwirkung
DEU for shock wave effects

Schönes Partikel
DUS für beauty particles

Schönes Teilchen
DUS für beauty particles

school libraries
USE academic libraries

schools
USE educational institutions

Schottky anomaly
BT specific heat
PT specific heat of solids
DEU Schottky-Anomalie

Schottky barrier solar cells
USE Schottky diodes
\+ solar cells

Schottky barriers
BT interface phenomena
Schottky effect
SY *Schottky contacts*
PT Schottky effect
Schottky-barrier diodes
RT Schottky diodes
Schottky gate field effect transistors
semiconductor-metal boundaries
DEU Schottky-Barriere

Schottky contacts
USE Schottky barriers

Schottky defects
BT vacancies (crystal)
PT vacancies (crystal)
DEU Schottky-Fehlstelle

Schottky diode mixers
BT mixers (circuits)
Schottky diodes
PT mixers (circuits)
Schottky-barrier diodes
RT millimetre wave mixers
submillimetre wave mixers
DEU Schottky-Dioden-Frequenzumsetzer

Schottky diodes
BT semiconductor diodes
NT Schottky diode mixers
UF *Schottky barrier solar cells / Schottky diodes + solar cells*
SY *Schottky-barrier diodes*
PT Schottky-barrier diodes
RT Schottky barriers
semiconductor-metal boundaries
DEU Schottky-Diode

Schottky effect
BT high field effects
thermionic electron emission
NT Schottky barriers
PT thermionic electron emission
RT work function
DEU Schottky-Effekt

Schottky gate field effect transistors
BT field effect transistors
NT power MESFET
SY *MESFET*
metal semiconductor field effect

transistors
PT field effect transistors
RT MESFET circuits
microwave field effect transistors
millimetre wave field effect transistors
Schottky barriers
UHF field effect transistors
DEU Schottky-Feldeffekttransistor

Schottky noise
USE random noise

Schottky-Anomalie
DEU for Schottky anomaly

Schottky-barrier diodes
USE Schottky diodes

Schottky-Barriere
DEU for Schottky barriers

Schottky-Diode
DEU for Schottky diodes

Schottky-Dioden-Frequenzumsetzer
DEU for Schottky diode mixers

Schottky-Effekt
DEU for Schottky effect

Schottky-Fehlstelle
DEU for Schottky defects

Schottky-Feldeffekttransistor
DEU for Schottky gate field effect transistors

Schraubenversatz
DEU for screw dislocations

Schraubenversetzung
DUS für screw dislocations

Schraubstock
DEU for vices

Schraubzwinge
DUS für clamps

Schreiber
DEU for recorders

Schreibmaschine
DEU for typewriters

Schriftgut
DUS für literature

Schriftsatz
DUS für typesetting

Schrittanalyse
DUS für gait analysis

Schrittmotor
DEU for stepping motors

Schrodinger equation
BT wave equations
SY *Schroedinger equation*
PT wave equations
RT quantum theory
DEU Schrödinger-Gleichung

Schroedinger equation
USE Schrodinger equation

Schrödinger-Gleichung
DEU for Schrodinger equation

Schrotrauschen
DEU for shot noise

Schrott
DEU for scrap metal

Schrottpresse
DUS für presses

Schubmodul
DEU for shear modulus

Schubverformung
DEU for shear deformation

Schuh (Fußbekleidung)
DEU for footwear

Schuhindustrie
DEU for footwear industry

Schulung
DUS für educational courses

Schulwesen
DUS für education

Schutz (allgemein)
DEU for protection

Schutz des Festlands
DUS für land cover

Schutzgas
DUS für inert gases

Schutzgasverbindung
DUS für inert gas compounds

Schutzkleidung
DEU for protective clothing

Schutzüberzug
DEU for protective coatings

schwache Elementarpartikelwechselwir kung
DEU for elementary particle weak interactions

schwache Elementarteilchenwechselwir kung
DUS für elementary particle weak interactions

schwache Lokalisation
DEU for weak localisation

schwache Wechselwirkung (Atomphysik)
DEU for weak interactions (atomic physics)

schwache Wechselwirkung (Molekularphysik)
DEU for weak interactions (molecular physics)

schwacher Ferromagnetismus
DEU for weak ferromagnetism

schwacher hadronischer Zerfall
DEU for weak hadronic decays

schwacher Partikelzerfall
DEU for weak particle decay

schwacher Teilchenzerfall
DUS für weak particle decay

Schwalllöten
DEU for wave soldering

Schwankung
DUS für fluctuations

Schwappprüfung
DEU for sloshing

Schwarmintelligenz
DEU for swarm intelligence

Schwarz-Hora effect
BT nuclear chemistry
RT electron beams
Kapitza-Dirac effect
laser beams
modulation
DEU Schwarz-Hora-Effekt

Schwarz-Hora-Effekt
DEU for Schwarz-Hora effect

schwarze Strahlung
DEU for blackbody radiation

Schwarzes Loch
DEU for black holes

Schwarzfeld-Maß
DEU for Schwarzschild metric

Schwarzkörperstrahlung
DUS für blackbody radiation

Schwarzschild metric
BT general relativity
gravitation
SY *Schwarzschild space*
PT general relativity
gravitation
RT cosmology
DEU Schwarzfeld-Maß

Schwarzschild space
USE Schwarzschild metric

Schwefel
DEU for sulphur

Schwefelverbindung
DEU for sulphur compounds

Schweißausrüstung
DEU for welding equipment

Schweißdruck
DUS für pressure

Schweißelektrode
DEU for welding electrodes

Schweißen
DEU for welding

Schweißen mit Ultraschall
DEU for ultrasonic bonding

Schweißnaht
DEU for welds

Schweißroboter
DUS für robotic welding

Schweißung
DUS für welds

Schwellenelement
DEU for threshold elements

Schwellung
DUS für swelling

Schwellwertlogik
DEU for threshold logic

Schwenkbiegemaschine
DUS für presses

Schwer-Fermion-System
DEU for heavy fermion systems

Schwer-Lepton
DEU for heavy leptons

Schwer-Quark-Wirkungs-Theorie
DEU for heavy quark effective theory

Schwer-Tau-Lepton
DEU for heavy tau leptons

Schwere
DUS für gravity

schwere Fermion-Supraleitung
DEU for heavy fermion superconductors

Schweremessung
DEU for gravimeters

schweres Spiel (Computer)
DUS für serious games (computing)

schweres Spiel (Rechner)
DUS für serious games (computing)

schweres Wasser
DEU for heavy water

Schwerewelle
DUS für gravity waves

Schwerionen-Atomkern-Reaktion
DEU for heavy ion-nucleus reactions

Schwerionen-Atomkern-Streuung
DEU for heavy ion-nucleus scattering

schwerionenangeregter Atomzerfall
DUS für nuclear decay by heavy ion emission

schwerionenangeregter Kernzerfall
DUS für nuclear decay by heavy ion emission

Schwerionenfusionsreaktion
DEU for heavy ion fusion reactions

Schwerionenverschmelzungsreaktion
DUS für heavy ion fusion reactions

Schwerkraft
DUS für gravitation

Schwerwasserreaktor
DEU for heavy water reactors

Schwinden
DEU for shrinkage

schwingende Masse
DEU for pendulums

Schwinger source theory
BT quantum field theory
PT quantum field theory
DEU Schwinger-Quellen-Theorie

Schwinger-Quellen-Theorie
DEU for Schwinger source theory

Schwingkreis
DUS für oscillators

Schwingung
DUS für oscillations

Schwingungsanregung
DEU for vibration excitation

Schwingungsdämpfung
DEU for vibration isolation

Schwingungsmessung (Mechanik)
DUS für vibration measurement

Schwingungsmodus
DEU for vibrational modes

Schwingungsriss
DUS für fatigue cracks

Schwingungszustand
DEU for vibrational states

Schwingung
DEU for vibrations

Schwitzverfahren
DEU for transpiration

Schwund
DEU for fading

Schwundkanal
DEU for fading channels

Schwungrad
DEU for flywheels

SCI
USE system buses

scientific information systems
BT information systems
natural sciences computing
PT information systems
DEU wissenschaftliches Informationssystem

scientific societies
USE societies

scientific visualisation
USE data visualisation

scintigraphy
USE radioisotope imaging

scintillating fibre detectors
USE position sensitive particle detectors
+ solid scintillation detectors

scintillation
BT optical properties
UF *scintillators / scintillation + scintillation counters*
RT gas scintillation detectors
liquid scintillation detectors
phosphorescence
phosphors
scintillation counters
solid scintillation detectors
DEU Szintillation

scintillation chambers
USE scintillation counters

scintillation counters
BT counters
luminescent devices
NT gas scintillation detectors
liquid scintillation detectors
solid scintillation detectors
SY *Bonner sphere detectors*
scintillation chambers
UF *scintillation spectrometers / particle spectrometers + scintillation counters*
UF *scintillators / scintillation + scintillation counters*
RT photoluminescence
photomultipliers
position sensitive particle detectors
scintillation
DEU Szintillationszähler

scintillation spectrometers
USE particle spectrometers
+ scintillation counters

scintillation, interplanetary
USE radiowave propagation
+ solar wind

scintillation, interstellar
USE interstellar matter
+ radiowave propagation

scintillation, ionospheric
USE ionospheric electromagnetic wave propagation
+ radiowave propagation

scintillators
USE scintillation
+ scintillation counters

scission point model
BT nuclear reaction theory
PT nuclear models
nuclear reaction and scattering theory
RT fission
nuclear models
DEU Scherpunktmodell

SCM
USE subcarrier multiplexing

SCM supply chains
USE supply chain management

SCMEH calculation
USE EHT calculations

scooters
USE motorcycles

Scott effect
BT magnetic field effects
SY *thermomagnetic torque*
PT magnetic field effects
RT gases
thermal properties
torque
DEU Scott-Effekt

Scott-Effekt
DEU for Scott effect

SCR
USE thyristors

scramjet engines
USE jet engines

scrap metal
BT waste
SY *swarf*
RT industrial waste
metals
recycling
DEU Schrott

scrape-off layers (plasma)
USE plasma boundary layers

screen-printed films
USE thick films

screening
USE shielding

screening equipment (materials processing)
BT materials handling equipment
PT materials handling equipment
RT crushers
filtration
mineral processing industry
mining equipment
quarrying industry
separation
sieving
DEU Abschirmungsausrüstung (Werkstoff)

screening, nuclear
USE nuclear screening

screens (display)
BT display instrumentation
NT fluorescent screens
touch sensitive screens
PT cathode-ray tube displays
display equipment
display systems
RT large screen displays
DEU Bildschirm

screens, fluorescent
USE fluorescent screens

screw dislocations
BT dislocations
SY *helical dislocations*
PT dislocations
RT twist boundaries
DEU Schraubenversatz
DSY Schraubenversetzung

screws
USE fasteners

scripting languages
USE authoring languages

scrubbers (materials handling)
BT materials handling equipment
SY *Venturi scrubbers*
PT materials handling equipment
RT air cleaners
air pollution control
decontamination
electrostatic precipitators
flue gas desulphurisation
flue gases
fuel desulphurisation
industrial pollution
DEU Scheuern (Werkstoffbehandlung)

SCSI
USE peripheral interfaces

scuba equipment
USE compressed air systems
\+ underwater equipment

SCVC calculations
USE VB calculations

SDH communication
USE synchronous digital hierarchy

SDH-Hierarchie
DEU for synchronous digital hierarchy

SDHT
USE high electron mobility transistors

SDI
USE information dissemination

SDI (weapon systems)
USE military systems
\+ missiles
\+ weapons

SDL
USE specification languages

SDM
USE space division multiplexing

SDMA
USE space division multiple access

SDRAM chips
USE DRAM chips

SDW
USE spin density waves

Se (chemical element)
USE selenium
DEU Se (chemisches Element)

Se (chemisches Element)
DEU for Se (chemical element)

Se stars
USE giant stars
\+ variable stars

sea ice
BT ice
SY *icebergs*
PT ice
oceanography
RT oceanography
DEU Packeis

sea level
BT oceanography
PT oceanography
RT geodesy
radar altimetry
tides
DEU Meereshöhe

sea ports
SY *container terminals*
docks
ports (sea)
RT airports (structures)
freight handling
goods distribution
DEU Seehafen

sea state
USE ocean waves

sea surface temperature
USE ocean temperature

sea-of-gates
USE logic arrays

seaborgium
BT transactinides
SY *element 106*
Sg (chemical element)
DEU Seaborgium

Seaborgium
DEU for seaborgium

seafloor phenomena
SY *hydrothermal activity, submarine*
landslides (underwater)
marine geology
ocean bottom processes
submarine hydrothermal activity
submarine landslides
RT bathymetry
oceanic crust
sediments
DEU Meeresbodenphänomen
DSY Seebodenphänomen

sealants
USE sealing materials

sealing
USE seals (stoppers)

sealing materials
BT joining materials
SY *sealants*
RT seals (stoppers)
waterproofing
DEU Dichtungsmasse

seals (stoppers)
NT gaskets
glass-metal seals
hermetic seals
SY *sealing*

RT adhesive bonding
leak detection
rings (structures)
sealing materials
vacuum techniques
valves
DEU Dichtung (Stopfen)

search and rescue
USE emergency management

search and rescue robots
USE rescue robots

search engines
BT information retrieval systems
PT online front-ends
RT information networks
network servers
online front-ends
portals
question answering (information retrieval)
DEU Suchmaschine

search problems
NT backtracking
tree searching
SY *tabu search*
PT artificial intelligence
computational complexity
optimisation
RT ant colony optimisation
artificial intelligence
combinatorial mathematics
computational complexity
constraint satisfaction problems
data handling
data structures
database theory
decision theory
gradient methods
job shop scheduling
merging
optimisation
particle swarm optimisation
sorting
string matching
tree data structures
trees (mathematics)
DEU Suchproblem

search radar
BT radar
SY *surveillance radar*
RT radar detection
surveillance
DEU Aufklärungsradar

search strategies
USE query formulation

seasonal clocks
USE circadian rhythms

seat belts
USE belts
\+ safety devices
\+ seats

seats
BT manufactured products
UF *seat belts / belts + safety devices + seats*
RT air safety
automotive components
furniture
road safety
DEU Bank (Sitzmöbel)
DSY Sessel (Sitzmöbel)
Sitz (Sitzmöbel)
Stuhl (Sitzmöbel)

seawalls
USE geotechnical structures

seawater
BT water
SY *ocean water*
RT desalination
oceanography
salinity (geophysical)
underwater optics
DEU Meerwasser
DSY Seewasser

Sechs-S-Qualität
DEU for six sigma (quality)

second harmonic generation
USE harmonic generation
DEU Zweitoberwellenerzeugung

second harmonic generation, optical
USE optical harmonic generation

second sound
BT liquid helium sound propagation
PT liquid helium sound propagation
DEU Second-Sound (Wellenausbreitung)

second-order optical susceptibility
USE nonlinear optical susceptibility

Second-Sound (Wellenausbreitung)
DEU for second sound

secondary cells
BT cells (electric)
NT lead acid batteries
SY *accumulators*
UF *batteries / cells (electric) + primary cells + secondary cells*
SY *battery charging*
lithium-ion batteries
rechargeable batteries
redox flow batteries
RT battery charge measurement
battery chargers
battery management systems
battery storage plants
battery testers
hybrid power systems
supercapacitors
DEU Sekundärbatterie
DSY Sekundärzelle

secondary electron emission
BT electron emission
secondary emission
UF *CREMSEE / cyclotron resonance + secondary electron emission*
RT electron backscattering
electron multipliers
electron probe analysis
photomultipliers
space charge
DEU Sekundärelektronenemission

secondary emission
BT emission
NT secondary electron emission
secondary ion emission
RT ion-surface impact
photomultipliers
DEU Sekundäremission

secondary ion emission
BT ion emission
secondary emission
RT secondary ion mass spectra
secondary ion mass spectroscopy
DEU Sekundärionenemission

secondary ion mass spectra
BT mass spectra
UF *SIMS / secondary ion mass spectra + secondary ion mass spectroscopy*
PT mass spectra
RT ion microprobe analysis
mass spectroscopic chemical analysis
secondary ion emission
secondary ion mass spectroscopy
DEU Sekundärionenmassenspektrum

secondary ion mass spectroscopy
BT mass spectroscopy
UF *SIMS / secondary ion mass spectra + secondary ion mass spectroscopy*
PT mass spectroscopy
RT ion microprobe analysis
mass spectroscopic chemical analysis
secondary ion emission
secondary ion mass spectra
DEU Sekundärionen-Spektrokopie
DSY Sekundärionenmassen-Spektrokopie
Sekundärionenmassenspektrokopie
Sekundärionenmassenspektrometrie
Sekundärionenspektrokopie

secret key cryptography
USE private key cryptography

secretarial workstations
USE executive workstations

secure communication
USE telecommunication security

secure storage
BT storage
RT security
DEU Sicherheitslager
DSY Sicherheitsspeicher

securities trading
BT stock markets
PT finance
RT financial data processing
DEU Effektenhandel
DSY Wertpapierhandel

security
NT access control
alarm systems
copy protection
data privacy
digital rights management
energy security
national security
power system security
safety systems
security of data
telecommunication security

PT access control
RT business continuity
fraud
keys (locking)
metal detectors
secure storage
surveillance
terrorism
video surveillance
DEU Sicherheit (Technik)
DSY Sicherung (Technik)

security locks (electronic)
USE access control

security of data
BT security
NT authorisation
computer crime
computer network security
cryptography
digital forensics
invasive software
message authentication
SY *data security*
intrusion detection (computers)
security of information
RT access control
back-up procedures
Bring Your Own Device
computer installation
copy protection
critical infrastructures
data handling
data integrity
data privacy
data protection
disasters
DP management
electronic money
emergency management
image watermarking
operating systems (computers)
safety-critical software
social aspects of automation
steganography
telecommunication security
trusted computing
video watermarking
virtual private networks
watermarking
DEU Datensicherheit
DSY Datenzuverlässigkeit

security of information
USE security of data

Sediment
DEU for sediments

sediment core records
USE proxy records (geophysical)

sedimentation
RT aerosols
disperse systems
dust
flocculation
sediments
sols
water treatment
DEU Sedimentation

Sedimentation
DEU for sedimentation

sediments
SY *mud*
PT rocks
RT lakes
oceanography
porous materials
proxy records (geophysical)
rivers
rocks
sand
seafloor phenomena
sedimentation
soil
DEU Sediment

See (Gewässer)
DEU for lakes

Seebeck effect
BT thermoelectricity
PT thermoelectricity
DEU Seebeck-Effekt

Seebeck-Effekt
DEU for Seebeck effect

Seebodenphänomen
DUS für seafloor phenomena

SEED (optisches Bauelement)
DEU for SEEDs

seeding (clouds)
USE atmospheric precipitation
\+ clouds
\+ weather modification

SEEDs
BT electro-optical devices
optical bistability
SY *S-SEEDs*
self-electro-optic effect devices
symmetric self-electro-optic effect devices
PT electro-optical devices
optical bistability
RT electro-optical modulation
electro-optical switches
optical logic
smart pixels
DEU SEED (optisches Bauelement)

Seefahrtsteuerung
DUS für marine control

Seefahrzeug
DUS für marine vehicles

Seefernmessung
DUS für marine telemetry

Seehafen
DEU for sea ports

seeing (atmospheric)
USE atmospheric optics

Seekabel
DEU for submarine cables

Seekommunikation
DUS für marine communication

Seenavigation
DUS für marine navigation

Seeradar
DUS für marine radar

Seesicherheit
DUS für marine safety

Seeverschmutzung
DUS für marine pollution

Seeverunreinigung
DUS für marine pollution

Seewasser
DUS für seawater

segmentation, image
USE image segmentation

segregation
NT grain boundary segregation
surface segregation
SY *clustering, impurity*
clustering, solute
UF *impurity clustering / impurity distribution + segregation*
UF *impurity segregation / impurity distribution + segregation*
SY *solute clustering*
PT crystal impurities
crystal microstructure
precipitation
solidification
spinodal decomposition
RT crystal microstructure
Guinier-Preston zones
high gravity effects
impurities
impurity distribution
phase separation
solid-state phase transformations
solidification
spinodal decomposition
DEU Segregation (Festkörperphysik)

Segregation (Festkörperphysik)
DEU for segregation

Sehfehler
DEU for vision defects

Sehkraft
DEU for vision

sehr große Datenbank
DEU for very large databases

sehr schnelle Kühlung
DEU for splat cooling

Sehr-Große-Halbleiter-Integration
DEU for VLSI

seiches
USE lakes
\+ ocean waves

Seidel theory
USE aberrations

Seife
DUS für soaps

Seil
DUS für cables (mechanical)
ropes

seismic tomography
USE geophysical techniques
\+ seismology

seismic waves
BT elastic waves
RT acoustic waves
earthquakes
elastodynamics
explosions
Love waves
Rayleigh waves
seismology
shock waves
tsunami
DEU Erdbebenwelle
DSY seismische Welle

seismische Welle
DUS für seismic waves

seismischer Aufnehmer
DEU for seismographs

Seismographie
DEU for seismology

seismographs
USE seismometers
DEU seismischer Aufnehmer

seismology
UF *seismic tomography / geophysical techniques + seismology*
UF *tomography, seismic / geophysical techniques + seismology*
RT anisotropic media
earthquake engineering
earthquakes
geophysical prospecting
geophysics
hydrocarbon reservoirs
inhomogeneous media
seismic waves
seismometers
well logging
DEU Seismographie

Seismometer
DEU for seismometers

seismometers
BT geophysical equipment
meters
SY *earthquake recorders*
geophones
seismographs
PT seismology
RT seismology
vibration measurement
DEU Seismometer

Seitenbeschreibungssprache
DEU for page description languages

Seitenkommunikation
DEU for paging communication

seitenorganisierter Speicher
DUS für paged storage

seizure
BT mechanical properties
PT wear
RT lubrication
sliding friction
stick-slip
wear
DEU Festfressen

Sekundärbatterie
DEU for secondary cells

Sekundärelektronenemission
DEU for secondary electron emission

Sekundäremission
DEU for secondary emission

Sekundärionen-Spektrokopie
DEU for secondary ion mass spectroscopy

Sekundärionenemission
DEU for secondary ion emission

Sekundärionenmassen-Spektrokopie
DUS für secondary ion mass spectroscopy

Sekundärionenmassenspektrokopie
DUS für secondary ion mass spectroscopy

Sekundärionenmassenspektrometrie
DUS für secondary ion mass spectroscopy

Sekundärionenmassenspektrum
DEU for secondary ion mass spectra

Sekundärionenspektrokopie
DUS für secondary ion mass spectroscopy

Sekundärzelle
DUS für secondary cells

selbständiges Lernen
DUS für unsupervised learning

Selbstassemblierung
DUS für self-assembly

Selbstbedienungsautomat
DUS für vending machines

Selbstdiffusion
DEU for self-diffusion

selbsteinstellendes System
DEU for self-adjusting systems

Selbstfokussierung
DEU for self-focusing

selbstinduzierte Transparenz
DEU for self-induced transparency

Selbstionisation
DEU for autoionisation

selbstorganisierende Kritikalität
DEU for self-organised criticality

selbstorganisierende Merkmalkarte
DEU for self-organising feature maps

selbstorganisierender Speicher
DEU for self-organising storage

Selbstphasenmodulation
DEU for self-phase modulation

selbstreproduzierender Automat
DEU for self-reproducing automata

selbstüberwachendes neuronales Netz
DUS für recurrent neural nets

Selbstzusammenbau
DUS für self-assembly

selection combining
USE diversity reception

selective dissemination of information
USE information dissemination

selective laser sintering
USE laser sintering

selectively doped heterojunction field effect transistors
USE high electron mobility transistors

Selen
DEU for selenium

selenium
BT non-metals
SY *Se (chemical element)*
RT selenium alloys
selenium compounds
DEU Selen

selenium alloys
BT alloys
RT selenium
selenium compounds
DEU Selenlegierung

selenium compounds
BT inorganic compounds
RT selenium
selenium alloys
DEU Selenverbindung

Selenlegierung
DEU for selenium alloys

selenology
USE lunar rocks

Selenverbindung
DEU for selenium compounds

self inductance
USE inductance

self learning
USE unsupervised learning

self testing
USE automatic testing

self-adjusting systems
BT adaptive systems
NT model reference adaptive control systems
SY *self-optimising systems*
self-optimizing systems
self-organising systems
UF *self-tuning control / adaptive control + self-adjusting systems*
RT adaptive control
artificial intelligence
cognitive systems
learning systems
swarm intelligence
DEU selbsteinstellendes System

self-assembled monolayers
USE monolayers
\+ self-assembly

self-assembly
UF *self-assembled monolayers / monolayers + self-assembly*
SY *self-organised growth*
RT adsorbed layers
bio-inspired materials
epitaxial growth
Langmuir-Blodgett films
monolayers
nanostructured materials
polymer films
quantum dots
DEU Eigenmontage
DSY Selbstassemblierung
Selbstzusammenbau

self-consistent field methods
USE SCF calculations

self-diffusion
BT diffusion
PT diffusion in liquids
diffusion in solids
DEU Selbstdiffusion

self-dual codes
USE dual codes

self-electro-optic effect devices
USE SEEDs

self-focusing
BT focusing
NT optical self-focusing
SY *beam-trapping*
self-trapping
PT focusing
nonlinear optics
RT electrostriction
Kerr electro-optical effect
nonlinear acoustics
DEU Selbstfokussierung

self-healing systems (computing)
USE fault tolerant computing

self-imaging
USE Talbot effect

self-induced transparency
BT nonlinear optics
transparency
SY *electromagnetically induced transparency*
optical self-induced transparency
PT nonlinear optics
transparency
RT slow light
DEU selbstinduzierte Transparenz

self-managing systems (computing)
USE fault tolerant computing

self-optimising systems
USE self-adjusting systems

self-optimizing systems
USE self-adjusting systems

self-organised criticality
BT critical phenomena
SY *self-organized criticality*
PT critical phenomena
RT cellular automata
chaos
lattice theory
nonlinear dynamical systems
random processes
sandpile models
DEU selbstorganisierende Kritikalität

self-organised growth
USE self-assembly

self-organising feature maps
BT neural nets
SY *feature maps, self-organising*
Kohonen self-organising maps
self-organizing feature maps
PT neural nets
RT learning (artificial intelligence)
self-organising storage
DEU selbstorganisierende Merkmalkarte

self-organising storage
BT digital storage
SY *self-organizing storage*
RT content-addressable storage
self-organising feature maps
DEU selbstorganisierender Speicher

self-organising systems
USE self-adjusting systems

self-organized criticality
USE self-organised criticality

self-organizing feature maps
USE self-organising feature maps

self-organizing storage
USE self-organising storage

self-phase modulation
BT nonlinear optics
optical modulation
phase modulation
SY *optical self-phase modulation*
PT optical modulation
RT high-speed optical techniques
laser mode locking
optical fibres
DEU Selbstphasenmodulation

self-phased arrays
USE antenna phased arrays

self-powered neutron detectors
BT particle detectors
PT particle detectors
RT fission reactor instrumentation
fission reactor monitoring
neutron detection
DEU autonomer Neutronendetektor
DSY eigenenergiebetriebener Neutronendetektor

self-propagating high-temperature synthesis
USE combustion synthesis

self-reproducing automata
BT automata theory
DEU selbstreproduzierender Automat

self-similarity
USE fractals

self-stabilising systems (computing)
USE fault tolerant computing

self-trapping
USE self-focusing

self-tuning control
USE adaptive control
\+ self-adjusting systems

Selfoc optics
USE gradient index optics

Selten-Erd-Legierung
DEU for rare earth alloys

Seltene Erde Metall
DEU for rare earth metals

Seltene Erden
DUS für rare earth metals

Seltene-Erden-Legierung
DUS für rare earth alloys

Seltene-Erdeverbindung
DEU for rare earth compounds

Selteneerdenlegierung
DUS für rare earth alloys

Seltenerdeverbindung
DUS für rare earth compounds

Seltenerdlegierung
DUS für rare earth alloys

Seltenerdmetall
DEU for lanthanoides

Seltenerdmetalllegierung
DUS für rare earth alloys

Seltenerdmetallverbindung
DUS für rare earth compounds

Seltenerdmetall
DUS für rare earth metals

seltsames Partikel
DEU for strange particles

seltsames Teilchen
DUS für strange particles

SEM
USE scanning electron microscopy

semantic networks
BT knowledge representation
PT computational linguistics
knowledge representation
RT computational linguistics
semantic Web
DEU semantisches Netz

semantic Web
BT Internet
PT Internet
RT content management
data models
description logic
document handling
knowledge management
meta data
ontologies (artificial intelligence)
semantic networks

XML
DEU Semantik-Web
DSY semantisches Netz

semantics (programming languages)
USE programming language semantics

Semantik in der Programmiersprache
DUS für programming language semantics

Semantik-Web
DEU for semantic Web

semantisches Netz
DEU for semantic networks

semantisches Netz
DUS für semantic Web

semi-inclusive interactions
BT elementary particle inclusive interactions
PT elementary particle inclusive interactions
RT elementary particle jets
DEU semi-inklusive Wechselwirkung

semi-inklusive Wechselwirkung
DEU for semi-inclusive interactions

semi-insulating materials
USE semiconductor materials

semi-leptonic decays
USE semileptonic decays

semi-regular variables
USE giant stars
\+ variable stars

semi-solid forming processes
USE thixoforming

semiconductor alloys
USE semiconductor materials
\+ semiconductors

semiconductor counters
BT counters
semiconductor devices
NT germanium radiation detectors
silicon radiation detectors
SY *junction detectors*
semiconductor detectors
RT position sensitive particle detectors
DEU Halbleiterzähler

semiconductor defects
USE crystal defects

semiconductor detectors
USE semiconductor counters

semiconductor device breakdown
BT electric breakdown
semiconductor technology
PT avalanche breakdown
electric breakdown
RT avalanche breakdown
impact ionisation
leakage currents
semiconductor device reliability
semiconductor devices
DEU elektrischer Durchbruch (Bauelement)
DSY Halbleiterbauelemente

semiconductor device manufacture
BT electron device manufacture
RT clean rooms
masks
semiconductor devices
semiconductor industry
semiconductor technology
DEU Halbleiterfertigung
DSY Halbleitergerätefertigung

semiconductor device measurement
BT measurement
semiconductor technology
PT semiconductor device testing
RT characteristics measurement
integrated circuit measurement
semiconductor device testing
semiconductor devices
DEU Halbleiterbauelementmessung

semiconductor device metallisation
BT metallisation
semiconductor technology
PT metallisation
semiconductor technology
RT integrated circuit metallisation
semiconductor devices
DEU Halbleiterbauelementmetallisierung

semiconductor device models
BT modelling
SY *semiconductor device simulation*
RT equivalent circuits
integrated circuit modelling
Poisson equation
semiconductor device noise
semiconductor devices
semiconductor process modelling

SPICE
technology CAD (electronics)
DEU Halbleiterbauelementmodell

semiconductor device noise
BT electron device noise
PT electron device noise
RT flicker noise
integrated circuit noise
laser noise
random noise
semiconductor device models
semiconductor devices
DEU Halbleiterbauelementrauschen

semiconductor device packaging
BT electronics packaging
semiconductor technology
PT packaging
semiconductor technology
RT integrated circuit packaging
plastic packaging
semiconductor devices
DEU Halbleiterbauelementumhüllung
DSY Halbleiterbauelementverpackung

semiconductor device reliability
BT reliability
PT reliability
RT integrated circuit reliability
negative bias temperature instability
semiconductor device breakdown
semiconductor devices
DEU Halbleiterbauelementzuverlässigkei
t
DSY Zuverlässigkeit von Halbleiterbauelementen

semiconductor device simulation
USE semiconductor device models

semiconductor device testing
BT electron device testing
RT life testing
semiconductor device measurement
semiconductor devices
DEU Halbleiterbauelementprüfung

semiconductor devices
NT electron bombarded semiconductor devices
field effect devices
negative resistance devices
piezoresistive devices
power semiconductor devices
resonant tunnelling devices
semiconductor counters
semiconductor diodes
semiconductor lasers
semiconductor relays
semiconductor switches
space-charge limited devices
thermistors
transit time devices
varistors
RT cryogenic electronics
electron device noise
Hall effect devices
high-temperature electronics
integrated circuits
optoelectronic devices
oscillators
photoconducting devices
power integrated circuits
quantum well devices
radiation hardening (electronics)
rectifiers
semiconductor device breakdown
semiconductor device manufacture
semiconductor device measurement
semiconductor device metallisation
semiconductor device models
semiconductor device noise
semiconductor device packaging
semiconductor device reliability
semiconductor device testing
semiconductor doping
semiconductor growth
semiconductor junctions
semiconductor materials
semiconductor technology
semiconductors
sensors
transistors
DEU Halbleitergerät

semiconductor diodes
BT diodes
semiconductor devices
NT avalanche diodes
BARITT diodes
charge storage diodes
Gunn diodes
light emitting diodes
microwave diodes
millimetre wave diodes
p-i-n diodes
photodiodes
power semiconductor diodes
Schottky diodes
submillimetre wave diodes
tunnel diodes

UHF diodes
varactors
Zener diodes
RT electron bombarded
semiconductor devices
solid-state rectifiers
DEU Halbleiterdiode

semiconductor doped glasses
BT composite materials
PT glass
II-VI semiconductors
semiconductor quantum dots
RT crystallites
glass
mesoscopic systems
nanostructured materials
optical glass
semiconductor quantum dots
DEU glas-dotierter Halbleiter

semiconductor doped polymers
BT composite materials
PT filled polymers
RT filled polymers
nanostructured materials
semiconductor quantum dots
DEU polymer-dotierter Halbleiter

semiconductor doping
BT doping
semiconductor technology
UF *neutron transmutation doping / neutron effects + semiconductor doping*
RT buried layers
doping profiles
heavily doped semiconductors
hydrogenation
impurities
ion implantation
plasma immersion ion implantation
rapid thermal processing
semiconductor devices
semiconductor materials
DEU Halbleiterdotierung

semiconductor epitaxial layers
BT epitaxial layers
semiconductor thin films
PT semiconductor thin films
DEU Halbleiterepitaxialschicht

semiconductor glasses
USE amorphous semiconductors
\+ chalcogenide glasses

semiconductor growth
BT semiconductor technology
RT buffer layers
crystal growth
semiconductor devices
semiconductor materials
DEU Halbleiterwachstum

semiconductor heterojunctions
BT semiconductor junctions
NT p-n heterojunctions
PT semiconductor junctions
RT heterojunction bipolar transistors
semiconductor quantum dots
semiconductor quantum wells
semiconductor quantum wires
semiconductor superlattices
two-dimensional electron gas
DEU Heteroübergang

semiconductor industry
BT electronics industry
PT electronics industry
integrated circuit manufacture
semiconductor device manufacture
RT integrated circuit manufacture
integrated circuit technology
semiconductor device manufacture
semiconductor technology
DEU Halbleiterindustrie

semiconductor integrated circuits
USE monolithic integrated circuits

semiconductor junctions
BT interface phenomena
NT p-n junctions
semiconductor heterojunctions
semiconductor quantum wells
semiconductor quantum wires
semiconductor superlattices
RT semiconductor devices
semiconductor quantum dots
two-dimensional electron gas
DEU Übergangshalbleiter

semiconductor laser arrays
BT laser arrays
semiconductor lasers
SY *laser arrays, semiconductor laser diode arrays*
PT semiconductor junction lasers
RT surface emitting lasers
DEU Laserdiodenanordnung

semiconductor laser noise
USE laser noise

semiconductor lasers
BT semiconductor devices
solid lasers
NT quantum dash lasers
quantum dot lasers
quantum well lasers
semiconductor laser arrays
semiconductor optical amplifiers
SY *BH lasers*
buried heterostructure lasers
C3-lasers
channel substrate planar lasers
cleaved coupled cavity lasers
CSP lasers
DH lasers
diode lasers
double heterostructure lasers
injection lasers
junction lasers
laser diodes
TJS lasers
transverse junction stripe lasers
PT semiconductor junction lasers
RT distributed Bragg reflector lasers
distributed feedback lasers
integrated optics
integrated optoelectronics
light emitting diodes
microcavity lasers
microdisc lasers
optical transmitters
semiconductor quantum dots
semiconductor quantum wires
superluminescent diodes
surface emitting lasers
waveguide lasers
DEU Halbleiterlaser

semiconductor materials
BT materials
NT amorphous semiconductors
degenerate semiconductors
elemental semiconductors
heavily doped semiconductors
II-VI semiconductors
III-V semiconductors
III-VI semiconductors
IV-VI semiconductors
liquid semiconductors
magnetic semiconductors
many-valley semiconductors
narrow band gap semiconductors
organic semiconductors
polar semiconductors
porous semiconductors
semiconductor materials testing
ternary semiconductors
wide band gap semiconductors
UF *pseudobinary semiconductors / II-VI semiconductors + III-V semiconductors + III-VI semiconductors + IV-VI semiconductors + semiconductor materials*
SY *semi-insulating materials*
UF *semiconductor alloys / semiconductor materials + semiconductors*
RT acoustoelectric effects
conducting materials
conduction bands
crystals
electrical conductivity
electron-hole drops
energy gap
excitons
Gunn effect
microwave materials
millimetre wave materials
photoconducting materials
semiconductor devices
semiconductor doping
semiconductor growth
semiconductor technology
semiconductor thin films
semiconductor-insulator boundaries
semiconductor-metal boundaries
semiconductors
semimetals
skutterudites
thick film sensors
trions
tunnelling
Zener effect
DEU Halbleitermaterial
DSY Halbleiterwerkstoff

semiconductor materials testing
BT semiconductor materials
DEU Halbleitermaterialprüfung
DSY Halbleitermaterialtest
Halbleiterwerkstoffprüfung
Halbleiterwerkstofftest

semiconductor microcavities
USE microcavities

semiconductor nanotubes
BT nanotubes
semiconductors
PT nanotubes
RT carbon nanotubes

DEU Halbleiter-Nanoröhrchen

semiconductor nanowires
USE nanowires
\+ semiconductor quantum wires

semiconductor optical amplifiers
BT amplifiers
semiconductor lasers
SY *SOA*
PT quantum well lasers
semiconductor lasers
RT optical fibre amplifiers
optical repeaters
optical transmitters
quantum well lasers
DEU optischer Halbleiterverstärker

semiconductor plasma
BT solid-state plasma
PT solid-state plasma
RT plasmons
semiconductors
DEU Halbleiterplasma

semiconductor process modelling
BT integrated circuit technology
modelling
semiconductor technology
SY *integrated circuit process simulation*
semiconductor process simulation
PT integrated circuit technology
semiconductor technology
RT digital simulation
electronic engineering computing
integrated circuit modelling
semiconductor device models
technology CAD (electronics)
DEU Halbleiterfertigungsmodellierung

semiconductor process simulation
USE semiconductor process modelling

semiconductor processing
USE semiconductor technology

semiconductor quantum boxes
USE semiconductor quantum dots

semiconductor quantum dots
BT quantum dots
semiconductors
SY *antidots, semiconductor*
quantum boxes, semiconductor
semiconductor quantum boxes
PT semiconductor quantum wells
RT Coulomb blockade
mesoscopic systems
microcavities
nanoelectronics
quantum dot lasers
quantum interference phenomena
resonant tunnelling
semiconductor doped glasses
semiconductor doped polymers
semiconductor heterojunctions
semiconductor junctions
semiconductor lasers
semiconductor quantum wells
semiconductor quantum wires
DEU Halbleiterquantenpunkt

semiconductor quantum well lasers
USE quantum well lasers

semiconductor quantum wells
BT quantum wells
semiconductor junctions
PT semiconductor junctions
semiconductor superlattices
RT mesoscopic systems
microcavities
quantum confined Stark effect
quantum interference devices
quantum interference phenomena
quantum well devices
quantum well lasers
resonant tunnelling
resonant tunnelling devices
semiconductor heterojunctions
semiconductor quantum dots
semiconductor quantum wires
semiconductor superlattices
smart pixels
two-dimensional electron gas
two-dimensional hole gas
DEU Halbleiterquantentopf

semiconductor quantum wires
BT quantum wires
semiconductor junctions
UF *quantum wire lasers / quantum well lasers + semiconductor quantum wires*
UF *semiconductor nanowires / nanowires + semiconductor quantum wires*
PT semiconductor quantum wells
RT electron waveguides
mesoscopic systems
nanowires
quantum interference phenomena
semiconductor heterojunctions
semiconductor lasers
semiconductor quantum dots
semiconductor quantum wells

DEU Halbleiterquantendraht

semiconductor relays
BT relays
semiconductor devices
SY *solid-state relays*
RT microrelays
semiconductor switches
DEU Halbleiter-Relais

semiconductor storage
BT digital storage
NT integrated memory circuits
memory expansion boards
PT semiconductor storage devices
semiconductor storage systems
RT buffer storage
memory cards
phase change memories
PROM
random-access storage
read-only storage
DEU Halbleiterspeicher

semiconductor superlattices
BT semiconductor junctions
superlattices
PT semiconductor junctions
superlattices
RT heterojunction bipolar transistors
high electron mobility transistors
hot electron transistors
quantum cascade lasers
quantum Hall effect
resonant tunnelling devices
semiconductor heterojunctions
semiconductor quantum wells
DEU Halbleiter-Supergitter

semiconductor switches
BT semiconductor devices
switches
NT bipolar transistor switches
field effect transistor switches
photoconducting switches
power semiconductor switches
UF *triacs / semiconductor switches + thyristors*
RT electronic switching systems
microswitches
microwave switches
semiconductor relays
thyristors
DEU Halbleiterschalter

semiconductor technology
BT technology
NT clean rooms
isolation technology
semiconductor device breakdown
semiconductor device measurement
semiconductor device metallisation
semiconductor device packaging
semiconductor doping
semiconductor growth
semiconductor process modelling
wafer bonding
SY *semiconductor processing*
wafer processing (semiconductors)
PT semiconductor device manufacture
RT chemical mechanical polishing
cluster tools
crystal purification
electron beam annealing
electron beam lithography
electron resists
electronics packaging
encapsulation
etching
focused ion beam technology
getters
incoherent light annealing
integrated circuit technology
integrated circuit yield
ion beam lithography
ion implantation
laser beam annealing
lead bonding
lithography
masks
metallisation
microassembling
micromachining
micromechanical devices
monolithic integrated circuits
nitridation
oxidation
passivation
photolithography
photoresists
rapid thermal annealing
rapid thermal processing
resists
semiconductor device manufacture
semiconductor devices
semiconductor industry
semiconductor materials
SIMOX
surface cleaning
surface contamination
vacuum microelectronics
X-ray lithography
zone melting recrystallisation
zone refining

DEU Halbleitertechnologie

semiconductor thin films
BT thin films
NT semiconductor epitaxial layers
PT semiconductor materials
thin films
RT amorphous semiconductors
buffer layers
semiconductor materials
thin film sensors
DEU Halbleiterdünnschicht

semiconductor-electrolyte boundaries
BT interface phenomena
PT electrolytes
interface phenomena
RT electrolytes
semiconductor-insulator boundaries
DEU Halbleiter-Elektrolyt-Grenze

semiconductor-insulator boundaries
BT interface phenomena
NT silicon-on-insulator
SY *insulator-semiconductor boundaries*
semiconductor-on-insulator
RT buried layers
high-k dielectric thin films
insulating materials
MIS structures
semiconductor materials
semiconductor-electrolyte boundaries
semiconductor-insulator-semiconductor structures
surface states
wafer bonding
DEU Halbleiter-Isolator-Grenzschicht

semiconductor-insulator-semiconductor devices
BT field effect devices
semiconductor-insulator-semiconductor structures
PT semiconductor-insulator-semiconductor structures
DEU Halbleiter-Isolator-Halbleiter-Bauelement

semiconductor-insulator-semiconductor structures
BT interface phenomena
NT semiconductor-insulator-semiconductor devices
PT semiconductor-insulator boundaries
RT semiconductor-insulator boundaries
DEU Halbleiter-Isolator-Halbleiter-Strukur

semiconductor-metal boundaries
BT interface phenomena
SY *metal-semiconductor boundaries*
semiconductor-metal-semiconductor structures
RT diffusion barriers
enhanced magnetoresistance
metal-semiconductor-metal structures
metals
ohmic contacts
Schottky barriers
Schottky diodes
semiconductor materials
DEU Halbleiter-Metall-Grenzfläche

semiconductor-metal transition
USE electrical conductivity transitions
\+ metal-insulator transition

semiconductor-metal-semiconductor structures
USE semiconductor-metal boundaries

semiconductor-on-insulator
USE semiconductor-insulator boundaries

semiconductors
NT amorphous semiconductors
degenerate semiconductors
heavily doped semiconductors
magnetic semiconductors
many-valley semiconductors
narrow band gap semiconductors
polar semiconductors
porous semiconductors
semiconductor nanotubes
semiconductor quantum dots
wide band gap semiconductors
UF *semiconductor alloys / semiconductor materials* + *semiconductors*
RT acoustoelectric effects
conductors (electric)
photoconductivity
photovoltaic effects
semiconductor devices
semiconductor materials
semiconductor plasma
semimetals
tunnelling
DEU Halbleiter

semicustom integrated circuits
USE application specific integrated circuits

semidefinite programming
USE mathematical programming

semidetached binary stars
USE eclipsing binary stars

semileptonic decays
BT elementary particle decay
NT neutron decay
SY *semi-leptonic decays*
PT semi-leptonic decays
DEU halbleptonischer Zerfall

semimagnetic semiconductors
BT dilute magnetic materials
magnetic semiconductors
SY *diluted magnetic semiconductors*
PT magnetic semiconductors
RT exchange interactions (electron)
magnetic polarons
spin glasses
DEU halbmagnetischer Halbleiter
DSY semimagnetischer Halbleiter

semimagnetischer Halbleiter
DUS für semimagnetic semiconductors

semimetallic thin films
BT thin films
PT thin films
RT semimetals
DEU Halbmetalldünnschicht

semimetals
BT elements (chemical)
NT antimony
arsenic
bismuth
boron
polonium
SY *metalloides*
RT metals
semiconductor materials
semiconductors
semimetallic thin films
DEU Halbmetall

semiregular variables
USE giant stars
\+ variable stars

semistandard integrated circuits
USE application specific integrated circuits

Sende-Empfangs-Gerät
DEU for transceivers

Sender
DEU for transmitters

Sendeverstärkertechnologie
DEU for amplify and forward communication

Senftleben-Beenakker effect
BT magnetic field effects
transport processes
PT magnetic field effects
transport processes
RT gases
DEU Senftleben-Beenakker-Effekt

Senftleben-Beenakker-Effekt
DEU for Senftleben-Beenakker effect

sensing devices
USE sensors

sensitisation (metallurgy)
USE corrosion
\+ heat treatment

sensitivity
NT photographic material sensitivity
RT dynamic response
frequency response
performance index
sensitivity analysis
transfer functions
transient response
DEU Empfindlichkeit (Statistik)
DSY Empfindlichkeit (Technik)

sensitivity analysis
BT circuit theory
control theory
SY *receiver operating characteristic analysis*
ROC analysis
RT circuit optimisation
control system analysis
control system synthesis
dynamic response
frequency response
performance index
robust control
sensitivity
tolerance analysis

transfer functions
transient response
DEU Empfindlichkeitsanalyse

Sensor
DEU for sensors

sensor array processing
USE array signal processing

sensor arrays
BT arrays
sensors
RT array signal processing
biosensors
distributed sensors
gas sensors
microsensors
sensor fusion
thick film sensors
thin film sensors
DEU Sensorfeld
DSY Sensorgruppe

sensor deployment
USE sensor placement

sensor fusion
BT signal processing
NT image fusion
SY *data association*
data fusion
multisensors
RT artificial intelligence
computer vision
electronic tongues
image processing
pattern recognition
sensor arrays
sensors
wireless sensor networks
DEU Sensorfusion
DSY Sensorfusionierung

sensor localisation
USE sensor placement

sensor placement
SY *sensor deployment*
sensor localisation
sensor positioning
PT sensors
RT distributed sensors
genetic algorithms
optimisation
sensors
wireless sensor networks
DEU Sensoranordnung
DSY Sensorplatzierung

sensor positioning
USE sensor placement

Sensoranordnung
DEU for sensor placement

Sensorfeld
DEU for sensor arrays

Sensorfusion
DEU for sensor fusion

Sensorfusionierung
DUS für sensor fusion

Sensorgruppe
DUS für sensor arrays

sensorless machine control
BT machine control
PT machine control
RT electric drives
electric machines
machine theory
position control
torque control
velocity control
DEU sensorlose Maschinensteuerung

sensorlose Maschinensteuerung
DEU for sensorless machine control

Sensorplatzierung
DUS für sensor placement

sensors
BT instruments
NT biosensors
chemical sensors
distributed sensors
electric sensing devices
flow sensors
force sensors
humidity sensors
image sensors
infrared detectors
intelligent sensors
magnetic sensors
metal detectors
microsensors
microwave detectors
millimetre wave detectors
nanosensors
nonelectric sensing devices
photodetectors
pressure sensors
sensor arrays

smoke detectors
strain sensors
submillimetre wave detectors
surface acoustic wave sensors
tactile sensors
temperature sensors
terahertz wave detectors
thick film sensors
thin film sensors
UHF detectors
ultraviolet detectors
SY *detectors*
sensing devices
PT detectors
RT alarm systems
character recognition
demodulation
gauges
networked control systems
receivers
semiconductor devices
sensor fusion
sensor placement
transducers
DEU Sensor

sensors, electric
USE electric sensing devices

sensors, nonelectric
USE nonelectric sensing devices

sensory aids
NT hearing aids
ophthalmic lenses
RT biomedical electronics
biomedical engineering
biomedical equipment
geriatrics
handicapped aids
orthotics
patient rehabilitation
prosthetics
DEU Sinneshilfe
DSY Wahrnehmungshilfe

separated flow
USE flow separation

separation
NT fractionation
isotope separation
magnetic separation
UF *electrostatic separation / electrostatic precipitators + separation*
UF *pervaporation / evaporation + separation*
RT chemical technology
cyclone separators
deaeration
desalination
distillation
drying
filtration
flotation (process)
microfiltration
mineral processing
nanofiltration
reverse osmosis
screening equipment (materials processing)
sieving
ultrafiltration
DEU Trennen
DSY Trennung
Trennverfahren

separation by implantation of oxygen
USE SIMOX

sequences
NT binary sequences
Fibonacci sequences
image sequences
random sequences
RT sequential codes
sequential decoding
sequential estimation
series (mathematics)
DEU Folge
DSY Reihe

sequential circuits
BT logic circuits
RT asynchronous circuits
asynchronous sequential logic
combinational circuits
sequential switching
DEU Reihenschaltung
DSY sequentieller Schaltkreis

sequential codes
BT codes
PT codes
encoding (general)
RT convolutional codes
parallel algorithms
parallel architectures
sequences
sequential decoding
sequential estimation
DEU sequentieller Code

sequential decoding
BT decoding
PT decoding
RT sequences
sequential codes
sequential estimation
Viterbi decoding
DEU sequentielle Dekodierung

sequential estimation
BT estimation theory
NT maximum likelihood sequence estimation
PT estimation theory
parameter estimation
RT parameter estimation
sequences
sequential codes
sequential decoding
DEU sequentiell Näherung
DSY sequentiell Schätzung

sequential machines
BT automata theory
RT finite state machines
sequential switching
DEU sequentielle Maschine
DSY sequentieller Automat

sequential production
USE flow production systems

sequential switching
BT switching
RT asynchronous sequential logic
finite automata
sequential circuits
sequential machines
switching theory
DEU Reihenschalter

sequentiell Näherung
DEU for sequential estimation

sequentiell Schätzung
DUS für sequential estimation

sequentielle Dekodierung
DEU for sequential decoding

sequentielle Maschine
DEU for sequential machines

sequentieller Automat
DUS für sequential machines

sequentieller Code
DEU for sequential codes

sequentieller Schaltkreis
DUS für sequential circuits

Serienfertigung
DUS für batch processing (industrial)

Serienproduktionsystem
DUS für batch production systems

series (mathematics)
BT mathematical analysis
NT Fourier series
time series
Volterra series
SY *infinite series*
RT convergence
sequences
DEU mathematische Reihe

serious games (computing)
BT computer games
PT computer games
RT computer aided instruction
digital simulation
health care
medical computing
military computing
virtual reality
DEU Computeranwendung für ernste Spiele
DSY ernsthaftes Spiel (Computer)
ernsthaftes Spiel (Rechner)
Rechneranwendung für ernste Spiele
schweres Spiel (Computer)
schweres Spiel (Rechner)

serrated yielding
BT plastic deformation
NT Portevin-Le Chatelier effect
SY *yielding, serrated*
PT plastic deformation
RT stress-strain relations
DEU Zackennachgiebigkeit

SERS
USE surface enhanced Raman scattering

serum albumin
USE proteins

server systems
USE queueing theory

servers, file
USE file servers

servers, network
USE network servers

service bureaux
USE computer facilities

service industries
BT administrative data processing
NT catering industry
hotel industry
leisure industry
postal services
travel industry
PT administrative data processing
DEU Dienstleistungsgewerbe

service level agreements
USE contracts

service programs
USE utility programs

service robots
BT robots
RT assisted living
home automation
industrial robots
manipulators
mobile robots
rescue robots
DEU Service-Roboter

service-oriented architecture
BT software architecture
SY *SOA (computing)*
PT software architecture
RT business data processing
cloud computing
Internet
open systems
Web services
Web Services Business Process Execution Language
DEU service-orientierte Architektur

service-orientierte Architektur
DEU for service-oriented architecture

Service-Roboter
DEU for service robots

services, information
USE information services

servicing
USE fault location
\+ maintenance engineering

servo systems
USE servomechanisms

Servoantrieb
DEU for servomotors

Servoeinrichtung
DEU for servomechanisms

servomechanisms
BT controllers
NT servomotors
SY *servo systems*
RT actuators
ball screws
fuzzy control
manipulators
position control
position measurement
robots
DEU Servoeinrichtung

servomotors
BT servomechanisms
NT synchros
SY *servos*
RT actuators
brushless machines
position control
position measurement
tachometers
DEU Servoantrieb

servos
USE servomotors

Sessel (Sitzmöbel)
DUS für seats

Session Initiation Protocol
USE signalling protocols

set theory
BT mathematics
NT fuzzy set theory
group theory
rough set theory
SY *continuum hypothesis*
sets (mathematics)
subsets (mathematics)
RT Banach spaces

Boolean algebra
category theory
combinatorial mathematics
constraint satisfaction problems
Hilbert spaces
mathematical morphology
DEU Mengenlehre

set-top boxes
BT television equipment
PT television equipment
RT digital television
digital video broadcasting
interactive television
Internet
IPTV
multimedia communication
television receivers
video coding
DEU Set-Top-Box

Set-Top-Box
DEU for set-top boxes

SET-Transistor
DEU for single electron transistors

SETI
USE extraterrestrial life

sets (mathematics)
USE set theory

Setztechnik
DUS für typesetting

sewage treatment
BT waste handling
PT water treatment
RT public utilities
sanitary engineering
sludge treatment
wastewater treatment
DEU Abwasseraufbereitung

sewers
USE sanitary engineering

sewing
USE joining processes
+ textile technology

sewing machines
BT textile machinery
RT clothing industry
DEU Nähmaschine

SEXAFS
USE EXAFS

sexism
USE gender issues

sexual stereotyping
USE gender issues

Seyfert galaxies
BT active galaxies
PT galaxies
RT galactic nuclei
DEU Seyfert-Galaxie

Seyfert-Galaxie
DEU for Seyfert galaxies

SF6 insulation
BT gaseous insulation
sulphur compounds
PT gaseous insulation
sulphur compounds
RT gas insulated substations
gas insulated switchgear
gas insulated transformers
switchgear insulation
DEU SF6-Isolation

SF6-Isolation
DEU for SF6 insulation

SFCL
USE superconducting fault current limiters

sferics
USE atmospherics

Sg (chemical element)
USE seaborgium
DEU Sg (chemisches Element)

Sg (chemisches Element)
DEU for Sg (chemical element)

SGEMP
USE electromagnetic pulse

SGML
USE page description languages

shaded-pole motors
USE induction motors

shaft encoders
USE angular measurement
+ electric sensing devices

shafts
BT machine components
NT camshafts
SY *crankshafts*
drive shafts
RT bushings
couplings
crankcases
drives
engines
flywheels
gears
keys (locking)
machine tool spindles
pistons
power transmission (mechanical)
propellers
splines (mechanical components)
torque convertors
universal joints
DEU Welle (Antrieb)
DSY Welle (Maschine)

shale gas
BT fossil fuels
PT fossil fuels
RT crude oil
hydrocarbon reservoirs
natural gas technology
oil shale
syngas
DEU Schiefergas

shallow water equations
BT fluid dynamics
nonlinear differential equations
partial differential equations
SY *Saint Venant equations*
RT astrophysical fluid dynamics
flow simulation
geophysical fluid dynamics
Navier-Stokes equations
DEU Flachwassergleichung

Shannon theory
USE information theory

shape control
BT spatial variables control
PT spatial variables control
RT shape measurement
DEU Formenkontrolle

shape measurement
BT spatial variables measurement
PT spatial variables measurement
RT shape control
DEU Formmessung

shape memory effects
BT deformation
SY *reversible shape memory effect*
PT ferroelasticity
RT ferroelasticity
intelligent materials
martensitic transformations
plastic deformation
thermoelasticity
DEU Formgedächtniseffekt
DSY Formspeichereffekt

shape recognition
BT pattern recognition
RT computer graphics
image recognition
object recognition
DEU Formenerkennen
DSY Formenerkennung
Formerkennen
Formerkennung

shaped beam antennas
BT antennas
PT antenna radiation patterns
RT antenna radiation patterns
reflector antennas
satellite antennas
DEU Antenne mit geformtem Strahl
DSY Antenne mit spezieller Richtcharakteristik
Antenne mit Strahlformung
geformte Richtcharakteristikantenn e
Mehrstrahlrichtantenne

shapes (structures)
NT bars
beams (structures)
cantilevers
deployable structures
discs (structures)
ducts
flexible structures
honeycomb structures
inflatable structures
ingots
net structures (mechanical)
parachutes
plates (structures)
rails
rings (structures)

rods (structures)
sandwich structures
sheet materials
shells (structures)
slabs
strips
structural panels
thin wall structures
wires (general)
SY *cones (shapes)*
cylinders (shapes)
spheres (shapes)
wedges (shapes)
RT construction components
continuum mechanics
structural engineering
walls
DEU Form (Struktur)

Shapiro steps
USE Josephson effect

share prices
BT economic indicators
RT investment
stock markets
DEU Aktienkurs

shared memory systems
BT multiprocessing systems
NT distributed shared memory systems
vector processor systems
PT multiprocessing systems
DEU gemeinsames Speichersystem

shareware
USE public domain software

Sharp computers
BT digital computers
PT microcomputers
RT microcomputers
DEU Sharp-Computer

Sharp-Computer
DEU for Sharp computers

shear
USE crystallographic shear

shear deformation
BT deformation
PT elastic deformation
plastic deformation
RT bending
elastic deformation
plastic deformation
DEU Schubverformung

shear flow
BT flow
NT shear turbulence
SY *cats eyes (flow)*
PT flow
DEU Scherströmung

shear modulus
BT elastic moduli
SY *rigidity*
PT elastic constants
DEU Schubmodul

shear strength
BT mechanical strength
DEU Scherfestigkeit

shear turbulence
BT shear flow
turbulence
SY *turbulence in shear flow*
PT shear flow
turbulence
DEU Scherturbulenz

shear waves
USE elastic waves

shearing
BT cutting
PT cutting
RT sheet metal processing
DEU Abscheren
DSY Scheren
Scherschneiden

Shearografie
DEU for shearography

shearography
BT measurement by laser beam
SY *Laser Speckle Shearing Interferometrie*
PT electronic speckle pattern interferometry
nondestructive testing
RT electronic speckle pattern interferometry
nondestructive testing
phase shifting interferometry
strain measurement
vibration measurement
DEU Shearografie

sheathing, cable
USE cable sheathing

sheaths, plasma
USE plasma sheaths

sheet materials
BT materials
shapes (structures)
RT sandwich structures
sheet metal processing
structural panels
thin wall structures
DEU Blech

sheet metal processing
BT manufacturing processes
RT bending
bending machines
blanking
drawing (mechanical)
embossing
metal stamping
metalworking
punching
shearing
sheet materials
DEU Blechverarbeitung

shell casting
BT casting
SY *shell mould casting*
shell moulding
PT casting
DEU Schalengießen

shell model (nuclear)
USE nuclear shell model

shell mould casting
USE shell casting

shell moulding
USE shell casting

shells (structures)
BT shapes (structures)
RT continuum mechanics
thin wall structures
DEU Gehäuse (Form)
DSY Schale (Form)

shells, expert system
USE expert system shells

Shewhart charts
USE control charts

SHG
USE harmonic generation

SHG, optical
USE optical harmonic generation

shielding
NT cable shielding
electromagnetic shielding
SY *screening*
RT attenuators
biological effects of radiation
electron transport theory
nuclear materials packaging
photon transport theory
radiation protection
DEU Abschirmung

shielding, magnetic
USE magnetic shielding

shift register sequences
USE binary sequences

shift registers
RT adders
logic circuits
m-sequences
DEU Schieberegister

shims
BT mechanical products
RT machine components
DEU Beilegeblech

ship power supplies
USE marine power systems

shipbuilding industry
BT manufacturing industries
SY *boat building industry*
PT ships
RT anchors
construction industry
marine engineering
naval engineering
ships
DEU Schiffbau
DSY Schiffbauindustrie

ships
BT marine vehicles
RT boats
canals
marine navigation

marine propulsion
military equipment
naval engineering computing
navigation
radio direction-finding
shipbuilding industry
DEU Schiff

shock absorbers
BT suspensions (mechanical components)
UF *dampers / shock absorbers + vibration control*
PT shock control
RT automotive components
damping
shock control
springs (mechanical)
vibration control
vibration isolation
DEU Stoßdämpfer

shock control
BT mechanical variables control
RT shock absorbers
shock measurement
DEU Stoßkontrolle

shock measurement
BT mechanical variables measurement
RT shock control
DEU Schockmessung
DSY Stoßmessung

shock tubes
RT shock waves
DEU Stoßwellenrohr

shock wave effects
BT acoustic wave effects
RT detonation waves
shock waves
stress effects
DEU Schockwellenwirkung
DSY Stoßwellenwirkung

shock waves
BT acoustic waves
NT detonation waves
plasma shock waves
SY *sonic boom*
RT acoustic wave propagation
acoustic wave velocity
acoustics
aerodynamics
compressible flow
detonation
explosions
hypersonic flow
Mach number
seismic waves
shock tubes
shock wave effects
solitons
subsonic flow
supersonic flow
transonic flow
DEU Stoßwelle

shock, thermal
USE thermal shock

shocks, electric
USE electric shocks

shoe manufacture
USE footwear industry

shoes
USE footwear

shops
USE retailing

short messaging service
USE electronic messaging

short period non-contact binary systems
USE eclipsing binary stars

short-circuit currents
BT fault currents
RT arcs (electric)
discharges (electric)
earthing
DEU Kurzschlussstrom

short-range order
BT liquid structure
magnetic structure
solid structure
SY *order, short-range*
RT long-range order
order-disorder transformations
DEU Nahordnung

shot noise
BT random noise
PT random noise
DEU Schrotrauschen

shot peening
BT surface treatment
RT fatigue
internal stresses

surface cleaning
surface finishing
surface hardening
DEU Oberflächenverfestigungsstrahlen

shower counters
BT ionisation chambers
PT ionisation chambers
RT calorimeters
ionisation
proportional counters
DEU Duschzähler
DSY Schauerzähler

showers, cosmic ray
USE cosmic ray showers

Shpolskii spectra
BT spectra (general)
SY *key and hole rule*
PT spectra of solids
RT matrix isolation spectra
solvent effects
DEU Shpolskii-Spektrum

Shpolskii-Spektrum
DEU for Shpolskii spectra

Shreddermaschine
DEU for shredding machines

shredding machines
BT machinery
RT garden tools
office automation
office products
production equipment
DEU Shreddermaschine

shrink fitting
BT fitting (assembly)
DEU Aufschrumpfen

shrinkage
BT mechanical properties
RT density
extensometers
powder technology
DEU Schwinden

SHS (combustion synthesis)
USE combustion synthesis

Shubnikov-de Haas effect
BT magnetoresistance
PT magnetoresistance
DEU Shubnikov-de-Haas-Effekt

Shubnikov-de-Haas-Effekt
DEU for Shubnikov-de Haas effect

shuffle exchange networks
USE hypercube networks

Si (chemical element)
USE silicon
DEU Si (chemisches Element)

Si (chemisches Element)
DEU for Si (chemical element)

Si(Li) detectors
USE silicon radiation detectors

Si-Ge alloys
USE Ge-Si alloys

SI-Schalter
DEU for switched current circuits

Siberian snakes
USE beam handling equipment

sicheres Netz
DUS für belief networks

Sicherheit (Gefahrenschutz)
DUS für safety

Sicherheit (Technik)
DEU for security

Sicherheit am Arbeitsplatz
DUS für occupational safety

Sicherheit der Telekommunikation
DUS für telecommunication security

Sicherheit zur See
DUS für marine safety

sicherheits-kritische Software
DEU for safety-critical software

Sicherheitsausrüstung
DEU for safety devices

Sicherheitsdienst
DUS für emergency services

Sicherheitseinrichtung
DUS für safety devices

Sicherheitsgerät
DUS für safety devices

sicherheitskritische Software
DUS für safety-critical software

Sicherheitslager
DEU for secure storage

Sicherheitsspeicher
DUS für secure storage

Sicherheitssystem
DEU for safety systems

Sicherheitstechnik
DUS für safety devices

Sicherung (elektrisch)
DEU for surges

Sicherung (Technik)
DUS für security

Sicherungsgerät
DUS für safety devices

sichtbare astronomische Beobachtung
DEU for visible astronomical observations

sichtbare Spektrometrie
DUS für visible spectroscopy

sichtbare Spektroskopie
DUS für visible spectroscopy

sichtbares Spektrum
DUS für visible spectra

Sichtbarkeit
DEU for visibility

Sichtweite
DUS für visibility

sick pay
USE employee welfare

side channel attacks
USE cryptography

side looking airborne radar
USE airborne radar

Sieben (Klassieren)
DEU for sieving

Sieden
DUS für boiling

Siedepunkt
DEU for boiling point

sieving
BT materials handling
RT filtration
mineral processing
screening equipment (materials processing)
separation
DEU Sieben (Klassieren)

Sigma baryons
BT hyperons
PT hyperons
RT hypernuclei
DEU Sigma-Baryon

Sigma-Baryon
DEU for Sigma baryons

sigma-delta modulation
BT analogue-digital conversion
delta modulation
PT analogue-digital conversion
delta modulation
RT delta-sigma modulation
modulators
DEU Sigma-Delta-Modulation

Sigma-Delta-Modulation
DEU for sigma-delta modulation

sign language recognition
BT gesture recognition
PT gesture recognition
RT handicapped aids
human computer interaction
human-robot interaction
language translation
natural language interfaces
natural language processing
natural languages
DEU Lippenlauterkennung
DSY Sprachzeichenerkennung

Signal
DEU for signals

signal acquisition
USE signal detection

signal classification
BT signal processing
NT image classification
PT signal processing
RT array signal processing
feature extraction
pattern classification
signal detection
spectral analysis
DEU Signalklassifikation

signal coding
USE encoding (general)

signal conditioning circuits
BT networks (circuits)
PT analogue-digital conversion
signal processing equipment
RT analogue-digital conversion
CMOS integrated circuits
computerised instrumentation
data acquisition
electric sensing devices
microsensors
signal processing
signal processing equipment
DEU Signalauffrischungsschaltkreis
DSY Signalauffrischungsschaltung
Signalkonditionierungsschaltkreis
Signalkonditionierungsschaltung

signal de-noising
USE signal denoising

signal denoising
BT signal processing
NT image denoising
SY *signal de-noising*
PT interference suppression
signal reconstruction
signal restoration
RT interference suppression
signal reconstruction
signal resolution
signal restoration
DEU Signalentrauschung

signal detection
NT acoustic signal detection
adaptive signal detection
differential detection
heterodyne detection
homodyne detection
maximum likelihood detection
medical signal detection
multiuser detection
optical signal detection
radar detection
Viterbi detection
SY *signal acquisition*
UF *spectrum sensing (radiocommunication) / radio spectrum management + signal detection*
RT array signal processing
blind source separation
channel estimation
demodulation
digital signals
direction-of-arrival estimation
information theory
phase detectors
receivers
reception
signal classification
signal resolution
signals
source separation
television reception
time-of-arrival estimation
transponders
video signals
DEU Signaldetektion
DSY Signalerkennung

signal distortion
USE distortion
DEU Signalverzerrung

signal flow graphs
BT flow graphs
PT directed graphs
graph theory
RT data flow graphs
network routing
DEU Signalflussgraphik

signal generators
NT chaos generators
frequency synthesizers
function generators
noise generators
ramp generators
UF *wobbulators / signal generators + swept-frequency oscillators*
RT audio-frequency oscillators
digital signals
instrumentation
multivibrators
signal sources
signals
square-wave generators
time bases
video signals
DEU Signalerzeuger
DSY Signalgenerator

signal processing

NT acoustic signal processing
adaptive signal processing
array signal processing
audio signal processing
compressed sensing
convolution
data compression
deconvolution
digital signal processing chips
geophysical signal processing
image processing
medical signal processing
multidimensional signal processing
optical information processing
pulse compression
radar signal processing
sensor fusion
signal classification
signal denoising
signal reconstruction
signal representation
signal resolution
signal restoration
signal sampling
source separation

SY *computerised signal processing*

UF *CORDIC / digital arithmetic + signal processing*

UF *digital signal processing / digital signal processing chips + signal processing*

UF *signature analysis / logic testing + signal processing*

RT analogue processing circuits
autoregressive moving average processes
autoregressive processes
bandlimited signals
cepstral analysis
correlation methods
decision theory
decorrelation
delay estimation
digital filters
digital signals
discrete cosine transforms
encoding (general)
filters
Fourier analysis
frequency modulation
Galois fields
Hadamard transforms
higher order statistics
independent component analysis
information theory
Karhunen-Loeve transforms
lattice filters
matched filters
memoryless systems
moving average processes
multidimensional digital filters
nonlinear estimation
programmable filters
quantisation (signal)
reception
recursive estimation
residue number systems
signal conditioning circuits
signal processing equipment
signal synthesis
signals
singular value decomposition
smoothing methods
spectral analysis
television reception
time-frequency analysis
time-varying filters
tomography
transversal filters
video signals
Walsh functions
wave digital filters
wavelet transforms
Wiener filters
Z transforms

DEU Signalverarbeitung

signal processing equipment

BT instrumentation

NT image processing equipment
voice equipment

UF *sampling circuits / analogue-digital conversion + signal processing equipment*

UF *signature analysers / logic analysers + signal processing equipment*

PT signal processing

RT acoustic charge transport devices
analogue processing circuits
digital signal processing chips
signal conditioning circuits
signal processing

DEU Signalprozessor

DSY Signalverarbeitungsausrüstung
Signalverarbeitungsbauelement

signal reconstruction

BT signal processing

NT image reconstruction

PT signal processing

RT bandlimited signals
compressed sensing
signal denoising

signal sampling
DEU Signalregenerierung
DSY Signalrekonstruktion

signal representation
BT signal processing
NT image representation
PT signal processing
DEU Signalrepräsentation

signal resolution
BT signal processing
NT image resolution
radar resolution
PT signal processing
RT signal denoising
signal detection
DEU Signalauflösung

signal restoration
BT signal processing
NT image restoration
PT signal processing
RT signal denoising
DEU Signalrekonstruktion
DSY Signalrestaurierung

signal sampling
BT sampling methods
signal processing
NT image sampling
SY *sampling, signal*
PT signal processing
RT bandlimited signals
compressed sensing
importance sampling
signal reconstruction
DEU Signalabtastung

signal separation
USE source separation

signal sources
RT audio-frequency oscillators
blind source separation
digital signals
instrumentation
signal generators
signals
source separation
DEU Signalquelle

signal synthesis
PT signal processing
RT Fourier analysis
signal processing
signals
speech synthesis
time-frequency analysis
DEU Signalsynthese

signal transformers
USE pulse transformers

signal transition graphs
USE Petri nets

Signalabtastung
DEU for signal sampling

Signalauffrischungsschaltkreis
DEU for signal conditioning circuits

Signalauffrischungsschaltung
DUS für signal conditioning circuits

Signalauflösung
DEU for signal resolution

Signaldetektion
DEU for signal detection

Signalentrauschung
DEU for signal denoising

Signalerkennung
DUS für signal detection

Signalerzeuger
DEU for signal generators

Signalflussgraphik
DEU for signal flow graphs

Signalgebung
DEU for signalling

Signalgebungsprotokoll
DEU for signalling protocols

Signalgenerator
DUS für signal generators

Signalklassifikation
DEU for signal classification

Signalkonditionierungsschaltkreis
DUS für signal conditioning circuits

Signalkonditionierungsschaltung
DUS für signal conditioning circuits

signalling
RT alarm systems
bells
indicators

military equipment
railway engineering
railways
signals
DEU Signalgebung

signalling (telecommunication networks)
USE telecommunication signalling

signalling protocols
BT protocols
telecommunication signalling
SY *Session Initiation Protocol*
PT protocols
telecommunication signalling
RT asynchronous transfer mode
B-ISDN
multimedia communication
quality of service
DEU Signalgebungsprotokoll

Signalling System 7
USE telecommunication signalling

Signalprozessor
DEU for signal processing equipment

Signalquantisierung
DEU for quantisation (signal)

Signalquelle
DEU for signal sources

Signalregenerierung
DEU for signal reconstruction

Signalrekonstruktion
DUS für signal reconstruction

Signalrekonstruktion
DEU for signal restoration

Signalrepräsentation
DEU for signal representation

Signalrestaurierung
DUS für signal restoration

signals
NT audio signals
bandlimited signals
digital signals
video signals
RT signal detection
signal generators
signal processing
signal sources
signal synthesis
signalling
DEU Signal

Signalsynthese
DEU for signal synthesis

Signalverarbeitung
DEU for signal processing

Signalverarbeitungsausrüstung
DUS für signal processing equipment

Signalverarbeitungsbauelement
DUS für signal processing equipment

Signalverzerrung
DEU for signal distortion

Signaturanalyse
DEU for signature analysis

signature analysers
USE logic analysers
+ signal processing equipment

signature analysis
USE logic testing
+ signal processing
DEU Signaturanalyse

signature files
USE full-text databases
+ information retrieval

signature verification
USE handwriting recognition

Silber
DEU for silver

Silberlegierung
DEU for silver alloys

Silberverbindung
DEU for silver compounds

silencers
BT acoustic devices
noise abatement
UF *mufflers / exhaust systems +*
silencers
PT noise abatement
RT acoustic noise
automobiles
exhaust systems
noise pollution
DEU Schalldämpfer

silent discharges
USE dielectric-barrier discharges

silicate glasses
USE glass

Siliciumlegierung
DEU for silicon alloys

Siliciumverbindung
DEU for silicon compounds

silicon
BT non-metals
SY *Si (chemical element)*
RT microfabrication
silicon alloys
silicon compounds
silicon radiation detectors
silicon-on-insulator
DEU Silizium

silicon (4200) stars
USE chemically peculiar stars
\+ magnetic stars

Silicon (Polymer)
DEU for silicones

silicon alloys
BT alloys
NT Elinvar (alloy)
Ge-Si alloys
UF *electric sheet / iron alloys + silicon alloys*
UF *electric steel / iron alloys + silicon alloys*
UF *transformer iron / iron alloys + silicon alloys*
UF *transformer steel / iron alloys + silicon alloys*
RT silicon
silicon compounds
DEU Siliciumlegierung

silicon compilers
USE circuit layout CAD

silicon compounds
BT inorganic compounds
NT quartz
silicones
RT silicon
silicon alloys
DEU Siliciumverbindung

silicon controlled rectifiers
USE thyristors

silicon integrated circuits
USE monolithic integrated circuits

silicon neurons
USE neural chips

silicon radiation detectors
BT semiconductor counters
SY *Si(Li) detectors*
PT semiconductor counters
RT radiation detection
silicon
DEU Silicon-Strahlungsdetektor

silicon reference diodes
USE avalanche diodes
\+ Zener diodes

silicon software
USE firmware

silicon-germanium alloys
USE Ge-Si alloys

Silicon-Isolation
DEU for silicone insulation

Silicon-Isolator
DUS für silicone insulation

silicon-on-insulator
BT semiconductor-insulator boundaries
NT SIMOX
SY *silicon-on-sapphire*
SOI
PT semiconductor-insulator boundaries
RT silicon
zone melting recrystallisation
DEU SOI-Technik

silicon-on-sapphire
USE silicon-on-insulator

Silicon-Strahlungsdetektor
DEU for silicon radiation detectors

silicone insulation
BT organic insulating materials
silicones
NT silicone rubber
PT silicones
RT insulating oils
DEU Silicon-Isolation

DSY Silicon-Isolator
Silikon-Isolation
Silikon-Isolator

silicone rubber
BT rubber
silicone insulation
PT rubber
silicones
RT silicone rubber insulators
DEU Silicongummi
DSY Siliconkautschuk
Silikongummi
Silikonkautschuck

silicone rubber insulators
BT insulators
PT insulators
rubber
silicones
RT insulator contamination
insulator testing
silicone rubber
DEU Silicongummiisolator
DSY Silikongummiisolator

silicones
BT materials
organic compounds
silicon compounds
NT silicone insulation
RT adhesion
dielectric liquids
encapsulation
insulating oils
DEU Silicon (Polymer)

Silicongummi
DEU for silicone rubber

Silicongummiisolator
DEU for silicone rubber insulators

Siliconkautschuk
DUS für silicone rubber

Silikon-Isolation
DUS für silicone insulation

Silikon-Isolator
DUS für silicone insulation

Silikongummi
DUS für silicone rubber

Silikongummiisolator
DUS für silicone rubber insulators

Silikonkautschuck
DUS für silicone rubber

Silizium
DEU for silicon

silver
BT transition metals
SY *Ag (chemical element)*
RT silver alloys
silver compounds
DEU Silber

silver alloys
BT transition metal alloys
PT silver compounds
RT silver
silver compounds
DEU Silberlegierung

silver compounds
BT transition metal compounds
RT silver
silver alloys
DEU Silberverbindung

SIMD computers
USE parallel processing

SIMOX
BT silicon-on-insulator
SY *separation by implantation of oxygen*
PT integrated circuit technology
ion implantation
semiconductor technology
semiconductor-insulator boundaries
RT integrated circuit technology
ion implantation
MOS integrated circuits
MOSFET
semiconductor technology
DEU SIMOX (Isolator)

SIMOX (Isolator)
DEU for SIMOX

SIMS
USE secondary ion mass spectra
\+ secondary ion mass spectroscopy

Simula
BT object-oriented languages
simulation languages
PT simulation languages
DEU Simula (Programmiersprache)

Simula (Programmiersprache)
DEU for Simula

Simula listings
BT complete computer programs
PT complete computer programs
DEU Simula-Programm

Simula-Programm
DEU for Simula listings

simulated annealing
BT optimisation
SY *annealing, simulated*
PT optimisation
RT genetic algorithms
DEU simuliertes Ausheilen (Werkstoff)
DSY simuliertes Glühen

simulation
NT aerospace simulation
analogue simulation
building simulation
circuit simulation
digital simulation
fault simulation
flow simulation
hybrid simulation
logic simulation
plasma simulation
power system simulation
SY *simulators*
RT CAD
computer graphics
identification
modelling
operations research
system theory
systems analysis
DEU Simulation

simulation languages
BT high level languages
NT Simula
UF *fourth-generation languages / application generators + database management systems + high level languages + programming environments + query languages + report generators + simulation languages + specification languages*
PT problem oriented languages
RT digital simulation
virtual reality languages
DEU Simulationssprache (Programmierung)

simulation of computers, digital
USE virtual machines

simulation program with integrated circuit emphasis
USE SPICE

simulation, digital
USE digital simulation

Simulationssprache (Programmierung)
DEU for simulation languages

Simulation
DEU for simulation

simulators
USE simulation

simuliertes Ausheilen (Werkstoff)
DEU for simulated annealing

simuliertes Glühen
DUS für simulated annealing

simultane Entwicklung
DEU for concurrent engineering

simultaneous localisation and mapping
USE SLAM (robots)

simultaneous localization and mapping
USE SLAM (robots)

Simultansteuerung
DEU for concurrency control

Sinanoglu's theory
USE atomic structure

Sinclair computers
BT digital computers
SY *Spectrum computers*
Timex computers
ZX computers
PT microcomputers
RT microcomputers
DEU Sinclair-Computer

Sinclair-Computer
DEU for Sinclair computers

sine-Gordon equation
BT field equations
wave equations
PT wave equations
RT sine-Gordon model
DEU Sinus-Gordon-Gleichung

sine-Gordon model
BT nonlinear field theory
PT nonlinear field theory
RT sine-Gordon equation
DEU Sinus-Gordon-Modell

sinewave generators
USE waveform generators

single atom lasers
USE atom lasers

single electron devices
BT quantum interference devices
NT single electron transistors
PT quantum interference devices
superconducting junction devices
RT Coulomb blockade
mesoscopic systems
resonant tunnelling devices
superconducting junction devices
DEU Einzelelektronenbauelement

single electron transistors
BT single electron devices
tunnel transistors
PT quantum interference devices
transistors
RT Coulomb blockade
nanotechnology
superconducting transistors
DEU SET-Transistor

single event upset
USE radiation hardening (electronics)

single machine scheduling
BT production control
scheduling
PT production control
scheduling
RT computational complexity
optimisation
DEU Einzelmaschinenplanung
DSY Belegungsplanung mit einer Maschine
Ein-Maschinen-Planungsproblem
Einzel-Maschinen-Einsatzplanung
Einzelmaschinen-Fertigungssteuerung
Einzelmaschinen-Planungsablauf
Einzelmaschinenbelegungsplanung
Einzelmaschinenbelegungsproblem
Maschinenbelegungsproblem
Schedulingproblem einer einzelnen Maschine

single phase rectifiers
USE rectifying circuits

single photon emission computed tomography
BT emission tomography
SY *SPECT*
PT computerised tomography
radioisotope scanning and imaging
RT collimators
phantoms
DEU Einzelphotonemissionscomputertomografie
DSY Einzelphotonemissionscomputertomographie
Singlephotonemissionscomputertomografie
Singlephotonemissionscomputertomographie
SPECT (Verfahren)

single-board computers
USE microcomputers

single-chip microcomputers
USE microprocessor chips

Singlephotonemissionscomputertomografie
DUS für single photon emission computed tomography

Singlephotonemissionscomputertomographie
DUS für single photon emission computed tomography

singuläre optimale Steuerung
DEU for singular optimal control

singular optics
USE physical optics

singular optimal control
BT optimal control
PT optimal control
RT Riccati equations
DEU singuläre optimale Steuerung

singular value decomposition
BT matrix decomposition
UF *my-analysis / control system analysis + singular value decomposition*
UF *my-synthesis / control system synthesis + singular value decomposition*
SY *SVD*
PT matrix algebra
RT filtering theory
signal processing
DEU Einzelwertzerlegung

singularly perturbed systems
BT control systems
perturbation techniques
PT perturbation techniques
RT optimal control
DEU außerordentliches Störsystem

sinks, heat
USE heat sinks

Sinneshilfe
DEU for sensory aids

sintering
BT manufacturing processes
materials preparation
NT laser sintering
SY *microwave sintering*
presintering
pressure sintering
vacuum sintering
RT calcination
densification
firing (materials)
net shape forming
powder technology
powders
tape casting
DEU Sintern
DSY Sintertechnik

Sintern
DEU for sintering

Sintern (Material)
DEU for firing (materials)

Sinterpresse
DUS für presses

Sintertechnik
DUS für sintering

Sinus-Gordon-Gleichung
DEU for sine-Gordon equation

Sinus-Gordon-Modell
DEU for sine-Gordon model

sinusoidal generators
USE waveform generators

Sirius computers
USE ACT computers

SIT
USE static induction transistors

Sitz (Sitzmöbel)
DUS für seats

six sigma (quality)
BT quality management
PT quality control
quality management
RT quality control
statistical process control
DEU Sechs-S-Qualität

sixth force
USE intermediate range forces

size control
BT spatial variables control
PT spatial variables control
RT size measurement
volume control
DEU Größensteuerung und -regelung

size effect
SY *quantum size effect*
RT quantum interference phenomena
wave propagation
DEU Größeneffekt

size measurement
BT spatial variables measurement
NT particle size measurement
plethysmography
PT spatial variables measurement
RT size control
volume measurement
DEU Größenmessung

size, particle
USE particle size

sizing (materials processing)
BT coating techniques
PT coating techniques
surface treatment

RT lubrication
paper making
paper technology
surface treatment
textile technology
weaving
yarn
DEU Schlichten (Materialbearbeitung)

skeleton
USE bone
\+ orthopaedics

skin
BT biological tissues
SY *dermatology*
RT bioelectric phenomena
cosmetics
leather
physiology
DEU Haut

skin effect
BT high-frequency effects
NT anomalous skin effect
RT bimetals
conducting materials
conductors (electric)
electrodynamics
magnetic flux
DEU Skin-Effekt

Skin-Effekt
DEU for skin effect

Skutterudit (Mineral)
DEU for skutterudites

skutterudites
BT materials
RT minerals
rare earth compounds
semiconductor materials
thermal conductivity
thermoelectricity
transition metal compounds
DEU Skutterudit (Mineral)

sky brightness
BT brightness
UF *light pollution / pollution + sky brightness*
SY *night sky*
RT airglow
atmospheric optics
aurora
sunlight
zodiacal light
DEU Höhenleuchten

sky surveys
USE astronomical surveys

Skyrme force
USE nuclear forces

Skyrmion
DEU for skyrmions

skyrmions
BT solitons
PT nonlinear field theory
solitons
RT nonlinear field theory
nuclear structure theory
quantum chromodynamics
quantum Hall effect
two-dimensional electron gas
DEU Skyrmion

slabs
BT shapes (structures)
RT construction components
DEU Platte (Bau)

slag
BT industrial waste
SY *dross*
RT fly ash
geopolymers
waste disposal
DEU Schlacke

SLAM (Roboter)
DEU for SLAM (robots)

SLAM (robots)
BT robots
SY *simultaneous localisation and mapping*
simultaneous localization and mapping
RT Kalman filters
mobile robots
navigation
path planning
robot vision
DEU SLAM (Roboter)

SLAR
USE airborne radar

Slater-type orbital calculations
USE STO calculations

slave computers
USE satellite computers

sleep
BT physiology
RT electroencephalography
eye
neurophysiology
DEU Schlaf

sliderules
USE calculating apparatus

slideways (mechanical)
USE mechanical guides

sliding block codes
USE block codes

sliding contacts, electrical
USE electrical contacts

sliding friction
BT friction
PT friction
RT seizure
stick-slip
stiction
DEU Gleitreibung

sliding mode control
USE variable structure systems

slip
BT dislocation motion
SY *dislocation glide*
dislocation translation
glide, dislocation
grain boundary sliding
RT kink bands
plastic deformation
plastic flow
DEU Verschiebungsschlupf

slip (asynchronous machines)
PT asynchronous machines
synchronisation
RT asynchronous machines
synchronisation
DEU Schlupf (Asynchronmaschine)

slip flow
BT rarefied fluid dynamics
PT rarefied fluid dynamics
RT Knudsen flow
DEU Gleitfluss

slip-stick
USE stick-slip

SLM
USE spatial light modulators

sloshing
SY *liquid sloshing*
RT confined flow
fluid oscillations
level control
surface waves (fluid)
vibrations
DEU Schwappprüfung

slot antenna arrays
BT slot antennas
waveguide antenna arrays
PT microwave antenna arrays
slot antennas
RT aperture antennas
DEU Schlitzantennenfeld
DSY Schlitzantennengruppe
Schlitzgruppenantenne

slot antennas
BT waveguide antennas
NT slot antenna arrays
PT waveguide antennas
RT aperture antennas
electromagnetic metamaterials
microwave antenna arrays
microwave antennas
microwave metamaterials
slot lines
terahertz metamaterials
DEU Schlitzantenne

slot line components
BT waveguide components
PT waveguide components
RT slot lines
DEU Schlitzwellenleiterbauteil
DSY Schlitzwellenleiterkomponente

slot lines
BT waveguides
PT waveguides
RT slot antennas
slot line components
DEU Schlitzwellenleiter
DSY Spaltleiter
Spaltlinie

slow frequency hopping
USE frequency hop communication

slow irregular variables
USE giant stars
\+ variable stars

slow light
BT light propagation
nonlinear optics
optical pulse compression
RT electromagnetic metamaterials
laser beams
microwave metamaterials
multiwave mixing
optical dispersion
optical metamaterials
optical saturable absorption
optical storage
photonic crystals
quantum optics
refractive index
self-induced transparency
stimulated scattering
terahertz metamaterials
DEU langsames Licht
DSY Langsamlicht (Slow Light)

slow wave structures
BT travelling wave tubes
PT travelling wave tubes
RT backward wave oscillators
electromagnetic metamaterials
microwave generation
microwave metamaterials
plasma waves
relativistic electron beam tubes
ridge waveguides
terahertz metamaterials
DEU langsame Wellenform

SLR stars
USE giant stars
\+ supergiant stars

sludge treatment
BT waste handling
SY *activated sludge process*
PT water treatment
RT sewage treatment
DEU Klärschlammtechnik

slug flow
USE multiphase flow

slurries
BT suspensions
waste
RT agricultural pollution
industrial waste
DEU Schlamm

Sm (chemical element)
USE samarium
DEU Sm (chemisches Element)

Sm (chemisches Element)
DEU for Sm (chemical element)

Small Computer System Interface
USE peripheral interfaces

small electric machines
BT electric machines
NT micromotors
UF *micromachines / micromechanical devices* + *small electric machines*
PT electric machines
RT brushless DC motors
fractional-horsepower motors
micromechanical devices
piezoelectric motors
DEU Elektrokleinmotor
DSY Kleinelektromotor

Small Magellanic Cloud
BT Magellanic Clouds
SY *SMC*
PT galaxies
RT Large Magellanic Cloud
DEU Kleine Magallansche Wolke

small polaron conduction
BT electrical conductivity
PT electrical conductivity of solid semiconductors and insulators
RT polarons
DEU kleine Polaronleitfähgkeit

small-scale networks
USE complex networks

small-to-medium enterprises
BT commerce
SY *SME*
RT computer integrated manufacturing
corporate modelling
electronic commerce
virtual enterprises
DEU kleine und mittlere Unternehmen
DSY kleines bis mittleres Unternemen
KMU (Klein- und Mittelbetriebe)

small-world networks
BT complex networks
RT graph theory
DEU Kleine-Welt-Netz

Smalltalk
BT object-oriented languages
PT high level languages
RT object-oriented programming
programming environments
DEU Smalltalk (Programmiersprache)

Smalltalk (Programmiersprache)
DEU for Smalltalk

Smalltalk listings
BT complete computer programs
PT complete computer programs
DEU Smalltalk-Programm

Smalltalk-Programm
DEU for Smalltalk listings

smart actuators
USE intelligent actuators

smart antennas
USE adaptive antenna arrays

smart cards
BT digital systems
plastic cards
SY *IC cards*
PT credit transactions
RT access control
credit transactions
debit transactions
EFTS
electronic money
memory cards
point of sale systems
safety systems
DEU Smart-Karte

smart materials
USE intelligent materials

smart meters
BT automatic meter reading
meters
PT automatic meter reading
meters
RT flow measurement
flowmeters
power consumption
power measurement
power meters
power system measurement
smart power grids
tariffs
water meters
watthour meters
DEU intelligenter Zähler

smart phone operating system
USE Android (operating system)

smart phones
BT mobile handsets
notebook computers
SY *Android phones*
smartphones
RT Android (operating system)
Bring Your Own Device
iOS (operating system)
mobile computing
mobile radio
DEU Smartphone

smart pixels
RT integrated optoelectronics
liquid crystal devices
optical logic
optical switches
SEEDs
semiconductor quantum wells
DEU Smart-Pixel

smart power
USE power integrated circuits

smart power grids
BT power grids
PT power grids
RT distribution networks
phasor measurement
power system control
power system measurement
smart meters
transmission networks
DEU intelligente Stromversorgung
DSY intelligentes Stromnetz

smart sensors
USE intelligent sensors

smart skins
USE intelligent sensors

smart structures
USE intelligent structures

smart windows
USE optical windows
\+ solar control films

Smart-Karte
DEU for smart cards

Smart-Pixel
DEU for smart pixels

Smart-Power-Technik
DEU for power integrated circuits

Smart-Struktur
DUS für intelligent structures

Smartphone
DEU for smart phones

smartphones
USE smart phones

SMC
USE Small Magellanic Cloud

SMD
USE surface mount technology

SME
USE small-to-medium enterprises

smectic liquid crystals
BT liquid crystals
PT liquid crystals
RT antiferroelectric liquid crystals
ferroelectric liquid crystals
DEU smektischer Flüssigkristall

smektischer Flüssigkristall
DEU for smectic liquid crystals

smell (physiological)
USE chemioception

smelting
BT manufacturing processes
RT blast furnaces
melting
metallurgical industries
refining
steel industry
DEU Verhütten

smoke
BT disperse systems
RT air pollution
atmospheric composition
combustion
dust
smoke detectors
wildfires
DEU Rauch

smoke detectors
BT alarm systems
sensors
PT alarm systems
fires
smoke
RT electric sensing devices
fires
gas sensors
safety devices
smoke
DEU Rauchdetektor
DSY Rauchmeldeanlage
Rauchmelder

smoothing circuits
BT networks (circuits)
RT filters
smoothing methods
DEU Glättungsschaltkreis
DSY Glättungsschaltung

smoothing methods
BT filtering theory
PT filtering and prediction theory
RT signal processing
smoothing circuits
DEU Glättungsmethode

SMPS
USE switched mode power supplies

SMT
USE surface mount technology

Sn (chemical element)
USE tin
DEU Sn (chemisches Element)

Sn (chemisches Element)
DEU for Sn (chemical element)

SNA
USE open systems

snap fitting
BT fitting (assembly)
DEU Druckschrumpfen

Snoek effect
BT anelastic relaxation
PT internal friction
interstitials
RT internal friction
interstitials
DEU Snoek-Effekt

Snoek-Effekt
DEU for Snoek effect

Snoek-Koster relaxation
USE anelastic relaxation
\+ dislocation damping

SNOM
USE near-field scanning optical microscopy

snow
BT atmospheric precipitation
RT hydrology
ice
DEU Schnee

snowmobiles
USE tracked vehicles

SNR
USE supernova remnants

SNS junctions
USE superconductor-normal-superconductor devices

snubbers
BT networks (circuits)
overvoltage protection
PT overvoltage protection
RT power electronics
DEU Dämpfungsglied (Überspannung)

SO groups
BT group theory
NT SO(10) groups
SO(2) groups
SO(3) groups
SO(4) groups
SO(8) groups
PT group theory
RT elementary particle theory
group theoretical schemes
O groups
O(2) groups
SU(2) theory
SU(3) theory
SU(4) theory
SU(5) theory
SU(6) theory
SU(7) theory
SU(8) theory
SU(N) theory
DEU SO-Gruppe

SO(10) groups
BT SO groups
PT SO groups
RT O groups
SO(2) groups
SO(3) groups
SO(4) groups
SO(8) groups
SU(N) theory
unified field theories
DEU SO(10)-Gruppe

SO(10)-Gruppe
DEU for SO(10) groups

SO(2) groups
BT SO groups
PT SO groups
RT O groups
SO(10) groups
SO(3) groups
SO(4) groups
SO(8) groups
SU(N) theory
DEU SO(2)-Gruppe

SO(2)-Gruppe
DEU for SO(2) groups

SO(3) groups
BT SO groups
PT SO groups
RT O groups
SO(10) groups
SO(2) groups
SO(4) groups
SO(8) groups
SU(N) theory
DEU SO(3)-Gruppe

SO(3)-Gruppe
DEU for SO(3) groups

SO(4) groups
BT SO groups
PT SO groups
RT O groups
SO(10) groups
SO(2) groups
SO(3) groups
SO(8) groups
SU(N) theory
DEU SO(4)-Gruppe

SO(4)-Gruppe
DEU for SO(4) groups

SO(8) groups
BT SO groups
PT SO groups
RT O groups
SO(10) groups
SO(2) groups
SO(3) groups
SO(4) groups
SU(N) theory
DEU SO(8)-Gruppe

SO(8)-Gruppe
DEU for SO(8) groups

SO-Gruppe
DEU for SO groups

SOA
USE semiconductor optical amplifiers

SOA (computing)
USE service-oriented architecture

soaps
BT chemical products
organic compounds
RT detergents
laundering
DEU Schmierseife
DSY Seife

SOC
USE system-on-chip

social and behavioural sciences computing
BT behavioural sciences computing
DEU Computeranwendung in den Sozial- und Verhaltenswissenschaften
DSY Rechneranwendung in den Sozial- und Verhaltenswissenschaften
sozial- und verhaltenswissenschaftliche Computeranwendung
sozial- und verhaltenswissenschaftliche Rechneranwendung

social aspects of automation
BT automation
socio-economic effects
NT Digital Divide
SY *automation, social aspects*
social effects of automation
PT economic and sociological effects
RT computer mediated communication
cryptography
data privacy
ethical aspects
home working
management of change
security of data
social networking (online)
unsolicited e-mail
DEU sozialer Aspekt der Automatisierung

social effects of automation
USE social aspects of automation

social networking (online)
BT Web sites
SY *Facebook*
LinkedIn
Twitter
YouTube
PT social sciences computing
Web sites
RT Internet
social aspects of automation
social sciences computing
DEU soziales Netz (online)

social sciences
NT anthropology
demography
geography
politics
teaching
UF *human relations / behavioural sciences + social sciences*
SY *sociology*
PT social and behavioural sciences
RT behavioural sciences
cultural aspects
ergonomics
social sciences computing
socio-economic effects
DEU Gesellschaftswissenschaften
DSY Sozialwissenschaften

social sciences computing
BT computer applications
NT educational computing
PT social and behavioural sciences computing
RT behavioural sciences computing
social networking (online)
social sciences
DEU Computeranwendung in den Sozialwissenschaften
DSY Rechneranwendung in den Sozialwissenschaften
sozialwissenschaftliche Computeranwendung

sozialwissenschaftliche
Rechneranwendung

social services
USE public administration

social work
USE public administration

societies
SY *engineering societies*
professional societies
scientific societies
RT professional aspects
DEU Gesellschaft
DSY Verein
Vereinigung

socio-economic effects
NT age issues
corporate social responsibility
cultural aspects
prejudicial factors
social aspects of automation
SY *sociologic effects*
PT economic and sociologic effects
RT behavioural sciences
demography
economics
government policies
personnel
politics
social sciences
technology transfer
ubiquitous computing
DEU sozio-ökonomische Wirkung
DSY sozio-ökonomischer Effekt

sociologic effects
USE socio-economic effects

sociology
USE social sciences
DEU Soziologie

sockets (electrical)
USE electric connectors

sodar
USE sonar

sodium
BT alkali metals
SY *Na (chemical element)*
RT sodium alloys
sodium compounds
DEU Natrium

sodium alloys
BT alkali metal alloys
RT sodium
sodium compounds
DEU Natriumlegierung

sodium compounds
BT alkali metal compounds
UF *Rochelle salt / organic compounds + potassium compounds + sodium compounds*
RT sodium
sodium alloys
DEU Natriumverbindung

sofar
USE sonar

SOFC
USE solid oxide fuel cells

soft computing
USE fuzzy logic
\+ neural nets
\+ uncertainty handling

soft condensed matter
USE soft matter

soft errors (circuits)
USE radiation hardening (electronics)

soft lithography
BT lithography
SY *microcontact printing*
UF *nanoimprint lithography / nanolithography + soft lithography*
UF *replica molding / moulding + replica techniques + soft lithography*
UF *replica moulding / moulding + replica techniques + soft lithography*
PT lithography
RT elastomers
moulding
nanolithography
nanopatterning
replica techniques
DEU Softlithografie
DSY Softlithographie

soft magnetic materials
BT magnetic materials
PT magnetic materials
RT amorphous magnetic materials
ferromagnetic materials
metallic glasses

DEU weichmagnetischer Werkstoff

soft matter
BT materials
SY *soft condensed matter*
RT biomembranes
colloids
foams
gels
granular materials
liquid crystals
liquid theory
microemulsions
polymers
surfactants
suspensions
DEU weiche Materie
DSY weicher Stoff
weiches Material

soft modes
BT vibrational modes
SY *mode softening*
phonon softening
PT lattice dynamics
RT displacive transformations
phonons
DEU Softzustand

soft switching (power convertors)
USE zero current switching
\+ zero voltage switching

softbots
USE software agents

softening
SY *softening (metallurgical)*
PT softening (metallurgical)
RT annealing
hardening
hot working
plastic deformation
DEU Erweichen
DSY Weichmachen

softening (metallurgical)
USE softening

Softlithografie
DEU for soft lithography

Softlithographie
DUS für soft lithography

software (computers)
USE computer software

software agents
BT knowledge based systems
NT mobile agents
UF *agent-oriented programming / object-oriented programming + software agents*
SY *softbots*
software robots
PT knowledge based systems
RT avatars
cooperative systems
information retrieval
multi-agent systems
DEU Softwareagent

software architecture
BT software engineering
NT service-oriented architecture
PT software engineering
DEU Programmarchitektur

software as a service
USE cloud computing

software complexity measures
USE software metrics

software cost estimation
BT costing
software engineering
SY *function point analysis*
PT software engineering
RT cost-benefit analysis
DP management
software management
DEU Softwarekostenschätzung

software defined radio
USE software radio

software development
USE software engineering

software development management
BT software engineering
software management
PT software engineering
DEU Programmentwicklungsmanagemen
t

software drivers
USE device drivers

software engineering
BT engineering
NT computer aided software engineering
development systems

formal specification
formal verification
programming environments
project support environments
software architecture
software cost estimation
software development management
software libraries
software maintenance
software metrics
software performance evaluation
software portability
software process improvement
software prototyping
software quality
software reliability
software reusability
software tools
Vienna development method
SY *program development*
software development
UF *software engineering education / computer science education + software engineering*
PT computer software
RT aspect-oriented programming
computer software
concurrent engineering
configuration management
hardware-software codesign
object-oriented programming
reverse engineering
source code (software)
DEU Software-Engineering

software engineering education
USE computer science education
\+ software engineering

software fault tolerance
BT fault tolerant computing
software reliability
PT fault tolerant computing
software reliability
DEU Programmfehlertoleranz
DSY Softwarefehlertoleranz

software houses
BT computer facilities
UF *software industry / DP industry + software houses*
PT computer facilities
RT computer centres
outsourcing
software product lines
DEU Softwarehaus

software industry
USE DP industry
\+ software houses

software integration
USE integrated software

software libraries
BT libraries
software engineering
SY *class libraries*
object libraries
procedure libraries
subroutine libraries
PT subroutines
RT aspect-oriented programming
object-oriented programming
software reusability
subroutines
DEU Programmbibliothek
DSY Softwarebibliothek

software maintenance
BT maintenance engineering
software engineering
SY *legacy systems (software)*
maintenance, software
UF *software merging / configuration management + software maintenance*
SY *software refactoring*
PT software engineering
RT computer aided software engineering
program debugging
program testing
software management
software portability
software product lines
software reliability
software reusability
systems re-engineering
DEU Programmwartung

software management
BT DP management
NT software development management
UF *software project management / project management + software management*
PT DP management
RT software cost estimation
software maintenance
DEU Programmmanagement

software merging
USE configuration management
+ software maintenance

software metrics
BT software engineering
SY *software complexity measures*
PT software engineering
RT software reliability
DEU Softwaremetrik

software on-demand
USE cloud computing

software packages
BT computer software
NT courseware
software reviews
SY *packages (software)*
RT complete computer programs
integrated software
public domain software
DEU Softwarepaket

software patterns
USE object-oriented methods
+ object-oriented programming

software performance evaluation
BT performance evaluation
software engineering
PT performance evaluation
RT program testing
queueing theory
software selection
virtual machines
DEU Programmleistungsbewertung

software piracy
USE computer crime

software portability
BT software engineering
SY *portability, software*
PT computer software
RT software maintenance
software reliability
software reusability
standards
DEU Programmübertragbarkeit

software process improvement
BT software engineering
NT Capability Maturity Model
PT software engineering
RT software reusability
DEU Softwareverbesserungsprozess

software product lines
BT product development
software reusability
PT product development
software reusability
RT DP industry
software houses
software maintenance
DEU Softwareproduktlinie

software project management
USE project management
+ software management

software prototyping
BT software engineering
systems analysis
SY *agile software development*
evolutionary prototyping
extreme programming
iterative software design
prototyping, software
UF *rapid prototyping / rapid prototyping (industrial) + software prototyping*
PT software engineering
systems analysis
RT configuration management
virtual prototyping
DEU Programmprototypentwicklung

software quality
BT software engineering
PT quality control
software reliability
RT design for quality
DP management
quality assurance
quality control
quality management
software reliability
DEU Programmqualität
DSY Softwarequalität

software radio
BT radiocommunication
SY *reconfigurable radio*
software defined radio
PT radio receivers
telecommunication computing
RT cellular radio
code division multiple access
cognitive radio
digital radio
digital signal processing chips
mobile radio
radio receivers
radio transceivers

telecommunication computing
DEU Funksoftware
DSY Softwarefunk

software re-engineering
USE systems re-engineering

software refactoring
USE software maintenance

software reliability
BT reliability
software engineering
NT safety-critical software
software fault tolerance
PT software engineering
RT fault tolerant computing
program testing
programming
software maintenance
software metrics
software portability
software quality
DEU Programmzuverlässigkeit

software reusability
BT software engineering
NT software product lines
PT software engineering
RT software libraries
software maintenance
software portability
software process improvement
DEU Programmwiederverwendbarkeit

software reviews
BT reviews
software packages
software selection
PT software packages
DEU Softwareüberblick

software robots
USE software agents

software selection
BT DP management
NT software reviews
PT computer software
RT computer selection
equipment evaluation
equipment selection
software performance evaluation
DEU Programmauswahl

software standards
BT computer software
standards
PT standards
RT Web Services Business Process
Execution Language
DEU Progammierstandard
DSY Programmiernorm
Softwarenorm
Softwarestandard

software testing
USE program testing

software tools
BT programming
software engineering
NT authoring systems
program visualisation
user interface management
systems
PT software engineering
RT application generators
computer aided software
engineering
programming environments
DEU Programmwerkzeug
DSY Softwarewerkzeug

software validation
USE program verification

software vendors
USE DP industry

Software-Engineering
DEU for software engineering

Softwareagent
DEU for software agents

Softwarebibliothek
DUS für software libraries

Softwarefehlertoleranz
DUS für software fault tolerance

Softwarefunk
DUS für software radio

Softwarehaus
DEU for software houses

Softwarekostenschätzung
DEU for software cost estimation

Softwaremetrik
DEU for software metrics

Softwarenorm
DUS für software standards

Softwarepaket
DEU for software packages

Softwareproduktlinie
DEU for software product lines

Softwareprüfwerkzeug
DUS für program processors

Softwarequalität
DUS für software quality

Softwareschnittstelle
DUS für application program interfaces

Softwarestandard
DUS für software standards

Softwareüberblick
DEU for software reviews

Softwareverbesserungsprozess
DEU for software process improvement

Softwarewerkzeug
DUS für software tools

Softzustand
DEU for soft modes

SOI
USE silicon-on-insulator

SOI-Technik
DEU for silicon-on-insulator

soil
SY *earth (soil)*
loess
UF *permafrost / geomorphology + glaciology + hydrology + ice + soil*
UF *soil mechanics / geotechnical engineering + soil*
RT agriculture
clay
erosion
geology
geomorphology
geopolymers
hydrology
land cover
leaching
natural resources
porous materials
rocks
salinity (geophysical)
sand
sediments
soil pollution
DEU Bodenmaterial
DSY Erdboden

soil (lunar)
USE lunar rocks
\+ lunar surface

soil mechanics
USE geotechnical engineering
\+ soil

soil pollution
BT land pollution
RT agricultural pollution
soil
DEU Bodenverschmutzung

soil pollution control
BT pollution control
DEU Bodensanierung
DSY Bodenverschmutzungskontrolle

sol-gel preparation
USE sol-gel processing

sol-gel processing
BT materials preparation
SY *sol-gel preparation*
PT gels
materials preparation
sols
RT aerogels
gels
liquid phase deposition
optical fabrication
organic-inorganic hybrid materials
sols
spin coating
DEU Sol-Gel-Synthese

Sol-Gel-Synthese
DEU for sol-gel processing

solar absorber-convertors
BT convertors
photothermal conversion
solar energy conversion
NT solar chimneys
solar ponds
SY *solar absorbers*
solar collectors

UF *solar stills / distillation + solar absorber-convertors*
PT direct energy conversion
solar power
RT phase change materials
solar control films
solar energy concentrators
solar heating
DEU Sonnenkollektor

solar absorbers
USE solar absorber-convertors

solar activity
NT solar coronal mass ejections
solar flares
solar prominences
sunspots
UF *faculae / photosphere + solar activity*
UF *plages / chromosphere + solar activity*
SY *solar disturbances*
PT Sun
sunspots
RT solar atmosphere
solar radiation
solar spectra
solar-terrestrial relationships
Sun
DEU Sonnenaktivität

solar atmosphere
BT stellar atmospheres
NT chromosphere
photosphere
solar corona
SY *atmosphere, solar*
PT Sun
RT solar activity
solar pulsations
solar radiation
solar spectra
Sun
DEU Sonnenatmosphäre

solar batteries
USE solar cells

solar cell arrays
BT solar cells
RT building integrated photovoltaics
dye-sensitised solar cells
hybrid power systems
maximum power point trackers
photovoltaic power systems
solar power
solar powered vehicles
DEU Solarzellenfeld
DSY Solarzellenrahmen

solar cells
BT solar energy conversion
NT dye-sensitised solar cells
solar cell arrays
SY *photovoltaic solar cells*
UF *Schottky barrier solar cells / Schottky diodes + solar cells*
SY *solar batteries*
RT flexible electronics
maximum power point trackers
photoelectrochemical cells
photovoltaic cells
photovoltaic power systems
thermophotovoltaic cells
DEU Solarzelle

solar chimneys
BT solar absorber-convertors
PT solar absorber-convertors
RT convection
passive solar buildings
solar power stations
space cooling
ventilation
DEU Solarzylinder

solar chromosphere
USE chromosphere

solar collectors
USE solar absorber-convertors

solar composition
BT stellar composition
PT stellar composition
Sun
RT solar spectra
Sun
DEU Sonnenzusammensetzung

solar constant
USE solar radiation

solar control films
BT optical films
UF *electrochromic windows / electrochromic devices + optical windows + solar control films*
UF *smart windows / optical windows + solar control films*
UF *window coatings / optical windows + solar control films*
PT optical films
RT electrochromic devices
optical filters

optical windows
solar absorber-convertors
DEU Sonnenschutzfolie

solar corona
BT solar atmosphere
NT solar coronal mass ejections
UF *coronal streamers / solar corona + solar prominences*
SY *M-regions*
UF *transition region (solar atmosphere) / chromosphere + solar corona*
RT coronagraphs
magnetic reconnection
solar prominences
solar radiation
DEU Sonnenkorona

solar coronal mass ejections
BT solar activity
solar corona
PT solar corona
solar prominences
RT solar prominences
solar wind
DEU Koronamassenausbruch
DSY Koronamassenauswurf
solarer koronaler Massenausbruch
Solarkoronamassenauswurf
Sonnenkoronamassenauswurf

solar corpuscular radiation
USE solar wind

solar cosmic ray particles
BT primary cosmic rays
UF *solar neutrinos / cosmic ray neutrinos + solar cosmic ray particles + solar interior*
PT solar corpuscular radiation
RT solar radiation
DEU solare kosmische Strahlungspartikel
DSY solare kosmische Strahlungsteilchen

solar cosmic ray photons
USE solar radiation

solar disturbances
USE solar activity

solar dynamo
USE solar interior
\+ solar magnetism

solar eclipses
BT eclipses
RT Sun
DEU Sonnenfinsternis

solar energy concentrators
SY *heliostats*
UF *solar furnaces / furnaces + solar energy concentrators + solar heating*
PT mirrors
solar power
RT energy resources
mirrors
solar absorber-convertors
solar power
solar power stations
DEU Solarenergiekonzentrator
DSY Sonnenenergiekonzentrator

solar energy conversion
BT direct energy conversion
NT solar absorber-convertors
solar cells
solar heating
PT direct energy conversion
solar power
RT bioenergy conversion
chemical energy conversion
ocean thermal energy conversion
photosynthesis
renewable energy sources
thermal energy storage
DEU Solarenergieumwandlung

solar energy power stations
USE solar power stations

solar evolution
BT stellar evolution
UF *solar origin / solar evolution + solar nebula*
PT stellar evolution
Sun
RT solar interior
solar nebula
Sun
DEU Solarevolution
DSY Sonnenevolution

solar f-modes
USE solar pulsations

solar flares
BT solar activity
SY *flares, solar*
RT magnetic reconnection
DEU Solarflackern

DSY Sonnenflackern

solar furnaces
USE furnaces
+ solar energy concentrators
+ solar heating
DEU Solarofen

solar g-modes
USE solar pulsations

solar heating
BT heating
solar energy conversion
UF *solar furnaces / furnaces + solar energy concentrators + solar heating*
PT heating
solar absorber-convertors
solar energy conversion
RT passive solar buildings
phase change materials
photothermal conversion
solar absorber-convertors
space heating
DEU Solarheizung

solar interior
BT stellar structure
UF *solar dynamo / solar interior + solar magnetism*
UF *solar neutrinos / cosmic ray neutrinos + solar cosmic ray particles + solar interior*
PT stellar structure
Sun
RT solar evolution
solar pulsations
stellar internal processes
Sun
DEU Solarinterior
DSY Sonneninneres

solar magnetism
BT stellar magnetism
UF *solar dynamo / solar interior + solar magnetism*
RT magnetic reconnection
solar polarimetry
Sun
DEU Solarmagnetismus
DSY Sonnenmagnetismus

solar nebula
UF *cosmogony / solar nebula + solar system*
UF *planetesimals / circumstellar matter + extrasolar planetary formation + planets + solar nebula*
UF *solar origin / solar evolution + solar nebula*
PT solar system
RT planets
solar evolution
solar system
DEU Solarnebel
DSY Sonnennebel

solar neutrinos
USE cosmic ray neutrinos
+ solar cosmic ray particles
+ solar interior

solar noise
USE noise
+ solar radiofrequency radiation

solar origin
USE solar evolution
+ solar nebula

solar oscillations
USE solar pulsations

solar p-modes
USE solar pulsations

solar polarimetry
BT stellar polarimetry
PT stellar polarimetry
RT solar magnetism
solar radiation
solar radiofrequency radiation
solar spectra
Sun
DEU Solarpolarimetrie
DSY Sonnenpolarimetrie

solar ponds
BT solar absorber-convertors
thermal energy storage
PT energy storage
solar absorber-convertors
RT photothermal conversion
DEU Solarbecken
DSY Solarteich

solar power
BT renewable energy sources
PT energy resources
power plants
solar cell arrays
RT building integrated photovoltaics
passive solar buildings
photovoltaic power systems
power plants
solar cell arrays

solar energy concentrators
solar power satellites
solar power stations
solar powered vehicles
DEU Solarenergie
DSY Sonnenenergie

solar power satellites
BT artificial satellites
SY *SPS*
PT artificial satellites
solar power stations
RT laser power transmission
microwave power transmission
rectennas
solar power
solar power stations
space power generation
DEU solarbetriebener Satellit
DSY solarstrombetriebener Satellit
Solarstromsatellit

solar power stations
BT power stations
SY *solar energy power stations*
solar-electric power stations
PT power stations
solar power
RT ocean thermal energy conversion
photovoltaic power systems
solar chimneys
solar energy concentrators
solar power
solar power satellites
DEU Solarkraftwerk
DSY Sonnenkraftwerk

solar powered vehicles
BT electric vehicles
PT electric vehicles
solar cell arrays
RT battery powered vehicles
electric propulsion
energy storage
solar cell arrays
solar power
traction motor drives
traction motors
DEU solarbetriebenes Fahrzeug
DSY solarenergiebetriebenes Fahrzeug
Solarfahrzeug

solar prominences
BT solar activity
UF *coronal streamers / solar corona + solar prominences*
SY *filaments, solar*
prominences (solar)
RT chromosphere
solar corona
solar coronal mass ejections
DEU Sonnenwölbung

solar pulsations
BT stellar pulsations
SY *helioseismology*
solar f-modes
solar g-modes
solar oscillations
solar p-modes
PT stellar pulsations
RT solar atmosphere
solar interior
DEU Solarpulsation
DSY Sonnenpulsation

solar radiation
BT stellar radiation
NT solar radiofrequency radiation
SY *solar constant*
solar cosmic ray photons
RT solar activity
solar atmosphere
solar corona
solar cosmic ray particles
solar polarimetry
solar spectra
solar wind
sunlight
Sun
DEU Sonnenstrahlung

solar radio emission
USE solar radiofrequency radiation

solar radiobursts
USE solar radiofrequency radiation

solar radiofrequency radiation
BT solar radiation
UF *solar noise / noise + solar radiofrequency radiation*
SY *solar radio emission*
solar radiobursts
solar radiowaves
RT radioastronomy
solar polarimetry
DEU solare Hochfrequenzstrahlung

solar radiowaves
USE solar radiofrequency radiation

solar rotation
BT stellar rotation
PT Sun
RT Sun

DEU Solarrotation
DSY Sonnenrotation

solar spectra
BT stellar spectra
SY *Fraunhofer lines*
RT solar activity
solar atmosphere
solar composition
solar polarimetry
solar radiation
Sun
DEU Sonnenspektrum

solar stills
USE distillation
+ solar absorber-convertors

solar system
UF *cosmogony / solar nebula + solar system*
UF *Oort cloud / comets + solar system*
RT asteroids
astronomy
celestial mechanics
interplanetary matter
planets
solar nebula
Sun
DEU Sonnensystem

solar wind
BT stellar winds
UF *heliopause / interstellar matter + solar wind*
SY *heliosphere*
UF *interplanetary scintillation / radiowave propagation + solar wind*
UF *scintillation, interplanetary / radiowave propagation + solar wind*
SY *solar corpuscular radiation*
PT solar corpuscular radiation
RT cosmic ray solar modulation
interplanetary matter
magnetic reconnection
magnetopause
magnetotail
solar coronal mass ejections
solar radiation
DEU Solarwind
DSY Sonnenwind

solar-electric power stations
USE solar power stations

solar-terrestrial relationships
PT geophysics
solar activity
terrestrial atmosphere
RT geophysics
solar activity
terrestrial atmosphere
DEU Sonnen-Erde-Beziehung

solar-type variables
USE dwarf stars
+ variable stars

Solarbecken
DEU for solar ponds

solarbetriebener Satellit
DEU for solar power satellites

solarbetriebenes Fahrzeug
DEU for solar powered vehicles

solare Hochfrequenzstrahlung
DEU for solar radiofrequency radiation

solare kosmische Strahlungspartikel
DEU for solar cosmic ray particles

solare kosmische Strahlungsteilchen
DUS für solar cosmic ray particles

Solarenergie
DEU for solar power

solarenergiebetriebenes Fahrzeug
DUS für solar powered vehicles

Solarenergiekonzentrator
DEU for solar energy concentrators

Solarenergieumwandlung
DEU for solar energy conversion

solarer koronaler Massenausbruch
DUS für solar coronal mass ejections

Solarevolution
DEU for solar evolution

Solarfahrzeug
DUS für solar powered vehicles

Solarflackern
DEU for solar flares

Solarheizung
DEU for solar heating

Solarinterior
DEU for solar interior

Solarkoronamassenauswurf
DUS für solar coronal mass ejections

Solarkraftwerk
DEU for solar power stations

Solarmagnetismus
DEU for solar magnetism

Solarnebel
DEU for solar nebula

Solarofen
DEU for solar furnaces

Solarpolarimetrie
DEU for solar polarimetry

Solarpulsation
DEU for solar pulsations

Solarrotation
DEU for solar rotation

solarstrombetriebener Satellit
DUS für solar power satellites

Solarstromsatellit
DUS für solar power satellites

Solarteich
DUS für solar ponds

Solarwind
DEU for solar wind

Solarzelle
DEU for solar cells

Solarzellenfeld
DEU for solar cell arrays

Solarzellenrahmen
DUS für solar cell arrays

Solarzylinder
DEU for solar chimneys

soldering
BT joining processes
NT brazing
reflow soldering
wave soldering
RT fine-pitch technology
resistance welding
RoHS compliance
soldering equipment
solders
DEU Löten

soldering equipment
BT production equipment
NT brazing equipment
PT soldering
RT soldering
DEU Lötausrüstung
DSY Lötmaschine

solders
BT joining materials
PT soldering
RT filler metals
soldering
DEU Lötmittel

Sole
DUS für sols

solenoids
BT coils
RT electromagnets
relays
DEU Solenoidspule

solenoids, superconducting
USE superconducting magnets

Solenoidspule
DEU for solenoids

solid effect
USE dynamic nuclear polarisation

solid electrolytes
BT electrolytes
UF *fast ion conductors / solid electrolytes + superionic conductivity*
PT electrolytes
superionic conducting materials
RT ionic conductivity
polymer electrolytes
proton exchange membrane fuel cells
solid oxide electrolysis cells
solid oxide fuel cells
superionic conductivity
DEU Festelektrolyt

solid helium
BT helium
quantum solids
SY *helium, solid*
DEU festes Helium

solid hydrogen
BT hydrogen
PT hydrogen
RT quantum solids
DEU fester Wasserstoff

solid lasers
BT lasers
NT colour centre lasers
fibre lasers
gamma-ray lasers
microchip lasers
semiconductor lasers
RT Raman lasers
solids
thermal lensing
thermo-optical devices
waveguide lasers
DEU Festkörperlaser

solid modelling
BT computer graphics
PT computer graphics
RT business graphics
computational geometry
engineering graphics
DEU Festkörpermodellierung

solid oxide electrolysis cells
BT electrolytic devices
UF *regenerative fuel cells / electrolytic devices + fuel cells + microbial electrolysis cells + solid oxide electrolysis cells*
PT electrolytic devices
RT cells (electric)
electrochemical electrodes
electrolysis
hydrogen production
solid electrolytes
solid oxide fuel cells
DEU Festoxidelektrolysezelle
DSY Festoxydelektrolysezelle

solid oxide fuel cells
BT fuel cells
SY *SOFC*
PT fuel cells
RT direct carbon fuel cells
fuel cell power plants
solid electrolytes
solid oxide electrolysis cells
DEU Festoxidbrennstoffzelle
DSY Hochtemperaturbrennstoffzelle

solid phase epitaxial growth
BT epitaxial growth
SY *solid phase epitaxy*
SPE
PT epitaxial growth
RT annealing
recrystallisation
DEU Epitaxialwachstum aus der festen Phase
DSY Festphasenepitaxialwachstum

solid phase epitaxy
USE solid phase epitaxial growth

solid polymer fuel cells
USE proton exchange membrane fuel cells

solid prototyping
USE rapid prototyping (industrial)

solid scintillation detectors
BT scintillation counters
SY *BGO detectors*
NaI detectors
phoswich
plastic scintillation detectors
UF *scintillating fibre detectors / position sensitive particle detectors + solid scintillation detectors*
PT scintillation counters
RT gas scintillation detectors
liquid scintillation detectors
scintillation
DEU Festkörper-Szintillationszähler

solid solubility
BT solubility
PT solubility
RT solid solutions
DEU Festkörperlöslichkeit

solid solution hardening
BT hardening
PT dispersion hardening
RT solid solutions
DEU Festlösungshärten

solid solutions
BT solutions
RT alloys
order-disorder transformations
phase diagrams
solid solubility

solid solution hardening
solidification
superlattices
DEU feste Lösung

solid structure
NT crystal defects
crystal microstructure
crystal structure
granular structure
island structure
long-range order
molecular orientation
molecular reorientation
noncrystalline structure
short-range order
RT amorphous state
crystallography
quasicrystals
solid theory
solids
vitreous state
voids (solid)
DEU feste Struktur

solid theory
RT intermolecular mechanics
solid structure
solids
DEU Festkörpertheorie

solid-liquid transformations
BT phase transformations
NT freezing
melting
solidification
SY *liquid-solid transformations*
PT phase transformations
RT glass transition
DEU Fest-Flüssig-Umformung

solid-state nuclear track detectors
BT particle track visualisation
SY *CR-39 detectors*
plastic track detectors
SSNTD
PT particle track visualisation
DEU Festkörperatomspurdetektor
DSY Festkörperkernspurdetektor

solid-state phase transformations
BT phase transformations
NT amorphisation
displacive transformations
ferroelastic transitions
ferroelectric transitions
high-pressure solid-state phase transformations
order-disorder transformations
polymorphic transformations
SY *bainitic transformations*
distortive transformations
eutectoid transformations
structural transformations
RT commensurate-incommensurate transformations
decomposition
Peierls instability
precipitation
segregation
DEU Festkörperphasenumwandlung

solid-state plasma
BT plasma
NT plasmons
semiconductor plasma
UF *Alfven waves / magnetohydrodynamic waves + solid-state plasma*
SY *electron-hole plasma*
plasma in solids
RT helicons
high-frequency effects
DEU Festkörperplasma

solid-state rectifiers
BT rectifiers
SY *copper-oxide rectifiers*
RT semiconductor diodes
DEU Festkörpergleichrichter

solid-state relays
USE semiconductor relays

solid-vapor transformations
USE solid-vapour transformations

solid-vapour transformations
BT phase transformations
NT sublimation
SY *solid-vapor transformations*
vapor-solid transformations
vapour-solid transformations
PT phase transformations
DEU Fest-Dampf-Umformung
DSY Fest-Gas-Umformung
Feststoffverdampfung
Umformung Feststoff-Dampf
Umformung Feststoff-Gas

solidification
BT solid-liquid transformations
NT directional solidification
rapid solidification
RT freezing
high gravity effects

melt texturing
segregation
solid solutions
undercooling
DEU Erstarren

solids
NT amorphous state
quantum solids
RT crystals
solid lasers
solid structure
solid theory
DEU Festkörper
DSY Feststoff

solitary waves
USE solitons

Soliton
DEU for solitons

solitons
NT optical solitons
plasma solitons
skyrmions
SY *solitary waves*
PT nonlinear equations
quasi-particles
RT dispersive media
nonlinear equations
nonlinear field theory
phonons
quasiparticles
shock waves
DEU Soliton

sols
BT disperse systems
RT non-Newtonian fluids
sedimentation
sol-gel processing
DEU Salzlösung
DSY Sole

solubility
NT solid solubility
SY *immiscibility*
insolubility
miscibility
RT crystallisation
deaeration
dissolving
mixing
phase diagrams
phase equilibrium
phase separation
solutions
solvents (industrial)
thixotropy
turbidity
DEU Löslichkeit

solute clustering
USE segregation

solution annealing
BT annealing
PT annealing
DEU Lösungsglühen

solution energy
USE heat of solution

solutions
NT polymer solutions
solid solutions
RT critical mixtures
Debye-Huckel theory
dissolving
fugacity
heat of solution
liquid mixtures
liquids
lyotropic liquid crystals
mixing
mixtures
osmosis
phase equilibrium
solubility
solvation
solvent effects
solvents (industrial)
DEU Lösung (chemisch)

solvability
USE computability

Solvatation
DEU for solvation

solvated electrons
BT physical chemistry
SY *hydrated electrons*
PT physical chemistry
RT solvation
DEU angeregtes Elektron

solvation
BT chemical reactions
SY *electron solvation*
hydration
ion solvation
PT association
chemical reactions
RT dissolving

heat of solution
solutions
solvated electrons
DEU Solvatation

solvent effects
PT solutions
spectra
RT Shpolskii spectra
solutions
spectra (general)
DEU Lösungsmittelwirkung

solvents (industrial)
BT chemical products
PT chemical products
RT dissolving
solubility
solutions
DEU Lösemittel
DSY Lösungsmittel

somatosensorisches Phänomen
DEU for somatosensory phenomena

somatosensory phenomena
NT chemioception
mechanoception
PT biothermics
mechanoception
DEU somatosensorisches Phänomen

sonar
NT sonar arrays
sonar detection
sonar signal processing
sonar target recognition
sonar tracking
synthetic aperture sonar
SY *asdic*
ranging (sonar)
sodar
sofar
sound ranging
RT acoustic devices
acoustic equipment
acoustic measurement
acoustic wave propagation
array signal processing
bioacoustics
direction-of-arrival estimation
distance measurement
echo
hydrophones
magnetostrictive devices
navigation
piezoelectric devices
remote sensing
underwater acoustic propagation
underwater sound
DEU Sonar (Ecolot)
DSY Sonargerät
Sonarsystem

Sonar (Ecolot)
DEU for sonar

sonar arrays
BT acoustic arrays
sonar
PT acoustic arrays
sonar
RT array signal processing
sonar detection
sonar signal processing
underwater sound
DEU Echolotfeld
DSY Echolotgruppe
Sonar-Array
Sonar-Feld
Sonaranordnung
Sonargruppe
Sonargruppenstrahler

sonar detection
BT acoustic signal detection
sonar
PT acoustic signal detection
sonar
RT marine vehicles
object detection
sonar arrays
sonar signal processing
sonar target recognition
sonar tracking
underwater sound
underwater vehicles
DEU Echolotdetektion
DSY Sonar-Detektion
Sonar-Ortung
Sonarbetrieb
Sonarüberwachung

sonar imaging
BT acoustic imaging
image processing
sonar signal processing
PT sonar
RT sonar target recognition
synthetic aperture sonar
ultrasonic imaging
DEU Echolotbildgebung
DSY Sonarbildgebung

Sonar mit synthetischer Apertur
DUS für synthetic aperture sonar

sonar signal processing
BT acoustic signal processing
sonar
NT sonar imaging
PT acoustic signal processing
sonar
RT array signal processing
sonar arrays
sonar detection
sonar target recognition
DEU Echolotsignalverarbeitung
DSY Sonarsignalverarbeitung

sonar target recognition
BT pattern recognition
sonar
PT sonar
RT image recognition
object recognition
sonar detection
sonar imaging
sonar signal processing
sonar tracking
DEU Echolotzielerkennung
DSY Sonar-Zielerkennung
sonare Zielerkennung

sonar target tracking
USE sonar tracking
\+ target tracking

sonar tracking
BT sonar
tracking
UF *sonar target tracking / sonar tracking + target tracking*
PT sonar
tracking systems
tracking
RT object tracking
sonar detection
sonar target recognition
target tracking
DEU Echolot-Verfolgung
DSY Sonar-Verfolgung
sonare Zielverfolgung

Sonar-Array
DUS für sonar arrays

Sonar-Detektion
DUS für sonar detection

Sonar-Feld
DUS für sonar arrays

Sonar-Ortung
DUS für sonar detection

Sonar-Verfolgung
DUS für sonar tracking

Sonar-Zielerkennung
DUS für sonar target recognition

Sonaranordnung
DUS für sonar arrays

Sonarbetrieb
DUS für sonar detection

Sonarbildgebung
DUS für sonar imaging

sonare Zielerkennung
DUS für sonar target recognition

sonare Zielverfolgung
DUS für sonar tracking

Sonargerät
DUS für sonar

Sonargruppe
DUS für sonar arrays

Sonargruppenstrahler
DUS für sonar arrays

Sonarsignalverarbeitung
DUS für sonar signal processing

Sonarsystem
DUS für sonar

Sonarüberwachung
DUS für sonar detection

Sonde
DEU for probes

Sonder-AfA
DUS für depreciation

Sonderabschreibung
DUS für depreciation

SONET
BT telecommunication standards
SY *synchronous optical network*
PT optical links

RT asynchronous transfer mode
broadband networks
optical fibre communication
synchronisation
synchronous digital hierarchy
DEU SONET (Netz)

SONET (Netz)
DEU for SONET

sonic boom
USE shock waves

sonic propagation
USE acoustic wave propagation

sonic spark chambers
USE spark chambers

Sonne
DEU for Sun

Sonnen-Erde-Beziehung
DEU for solar-terrestrial relationships

Sonnenaktivität
DEU for solar activity

Sonnenatmosphäre
DEU for solar atmosphere

Sonnenenergie
DUS für solar power

Sonnenenergiekonzentrator
DUS für solar energy concentrators

Sonnenevolution
DUS für solar evolution

Sonnenfackel
DEU for faculae

Sonnenfinsternis
DEU for solar eclipses

Sonnenflackern
DUS für solar flares

Sonnenfleck
DEU for sunspots

Sonneninneres
DUS für solar interior

Sonnenkollektor
DEU for solar absorber-convertors

Sonnenkorona
DEU for solar corona

Sonnenkoronamassenauswurf
DUS für solar coronal mass ejections

Sonnenkraftwerk
DUS für solar power stations

Sonnenlicht
DEU for sunlight

Sonnenmagnetismus
DUS für solar magnetism

Sonnennebel
DUS für solar nebula

Sonnenpolarimetrie
DUS für solar polarimetry

Sonnenpulsation
DUS für solar pulsations

Sonnenrotation
DUS für solar rotation

Sonnenschutzfolie
DEU for solar control films

Sonnenspektrum
DEU for solar spectra

Sonnenstrahlung
DEU for solar radiation

Sonnensystem
DEU for solar system

Sonnenwind
DUS für solar wind

Sonnenwölbung
DEU for solar prominences

Sonnenzusammensetzung
DEU for solar composition

sonography
USE biomedical ultrasonics

sonoluminescence
BT acoustic wave effects
luminescence
SY *acoustoluminescence*

PT luminescence
DEU Sonolumineszenz

Sonolumineszenz
DEU for sonoluminescence

sonstiger Code
DEU for residue codes

sonstiges Zahlensystem
DEU for residue number systems

soot
RT air pollution
carbon
combustion
flames
organic compounds
DEU Ruß (allgemein)

Soret effect
USE thermal diffusion

sorption
BT surface phenomena
NT adsorption
chemisorption
desorption
SY *accommodation coefficient*
gas-surface interactions
UF *physisorption / adsorption + sorption*
RT absorption
hydrogenation
surface composition
surface diffusion
DEU Sorption

Sorption
DEU for sorption

Sortierung (Daten)
DEU for sorting

sorting
BT data handling
SY *sorting programs*
RT merging
search problems
DEU Sortierung (Daten)

sorting (materials)
USE materials handling

sorting programs
USE sorting

SOUID-Magnetometrie
DEU for SQUID magnetometry

sound
USE acoustic waves
\+ acoustics

sound amplification
USE acoustic wave amplification

sound boards (computer peripherals)
USE acoustic generators
\+ electronic music

sound broadcasting
USE radio broadcasting

sound field
USE acoustic field

sound generators
USE acoustic generators
DEU Schallsender

sound intensity
USE acoustic intensity

sound measurement
USE acoustic variables measurement

sound propagation
USE acoustic wave propagation

sound pulses
USE acoustic pulses

sound ranging
USE sonar
DEU Schallortung

sound reproduction
RT acoustic devices
acoustic equipment
acoustics
audio acoustics
audio recording
audio signals
audio tape recorders
audio-frequency amplifiers
hearing aids
loudspeakers
microphones
pick-ups
radio receivers
radio studios
tape recorders
transducers
DEU Tonwiedergabetechnik

sound sources
USE acoustic generators
+ acoustic radiators

sound velocity
USE acoustic wave velocity

sound waves
USE acoustic waves

sound-level meters
BT acoustic equipment
meters
PT acoustic intensity measurement
RT acoustic intensity measurement
acoustic noise measurement
DEU Echomessung

source code (software)
BT computer software
RT complete computer programs
programming
software engineering
DEU Quellcode (Software)

source coding
BT data compression
encoding (general)
NT combined source-channel coding
PT data compression
encoding (general)
RT analogue-digital conversion
bandwidth compression
channel coding
image coding
DEU Quellencodierung

source region electromagnetic pulse
USE electromagnetic pulse

source separation
BT signal processing
NT blind source separation
SY *signal separation*
PT array signal processing
signal processing
RT adaptive signal processing
array signal processing
higher order statistics
signal detection
signal sources
statistical analysis
DEU Quellenseparierung

Southern Oscillation
USE El Nino Southern Oscillation

sozial- und verhaltenswissenschaftliche Computeranwendung
DUS für social and behavioural sciences computing

sozial- und verhaltenswissenschaftliche Rechneranwendung
DUS für social and behavioural sciences computing

soziale Unternehmensverantwortung
DEU for corporate social responsibility

soziale Verantwortung des Unternehmen
DUS für corporate social responsibility

sozialer Aspekt der Automatisierung
DEU for social aspects of automation

soziales Netz (online)
DEU for social networking (online)

Sozialwissenschaften
DUS für social sciences

sozialwissenschaftliche Computeranwendung
DUS für social sciences computing

sozialwissenschaftliche Rechneranwendung
DUS für social sciences computing

sozio-ökonomische Wirkung
DEU for socio-economic effects

sozio-ökonomischer Effekt
DUS für socio-economic effects

Soziologie
DEU for sociology

space charge
BT electric charge
NT space charge waves
RT charge injection
discharges (electric)
electrostatics
limited space charge
accumulation
plasma
pulsed electroacoustic methods
secondary electron emission
space-charge limited devices
space-charge-limited conduction
DEU Raumladung

space charge waves
BT space charge
waves
PT space charge
RT electron beams
free electron lasers
plasma waves
plasma-beam interactions
relativistic electron beam tubes
DEU Raumladungswelle

space communication links
BT telecommunication links
SY *deep space communications*
RT delay tolerant networks
entry, descent and landing (spacecraft)
laser beam applications
mobile communication
optical communication
radar
radiocommunication
satellite communication
satellite links
space telemetry
space vehicle antennas
space vehicles
DEU Raumkommunikationsverbindung
DSY Weltraumkommunikationsverbindung

space complexity
USE computational complexity

space cooling
BT cooling
NT air conditioning
PT cooling
RT building management systems
building simulation
environmental engineering
Fotovoltaikbuilding
indoor environment
passive solar buildings
solar chimneys
thermal energy storage
total energy systems
trigeneration
DEU Raumkühlung

space debris
BT pollution
PT pollution
RT aerospace accidents
aerospace safety
artificial satellites
meteoroids
space research
space vehicles
DEU Weltraummüll
DSY Weltraumtrümmer

space division multiple access
BT access protocols
multi-access systems
SY *SDMA*
PT multi-access systems
RT cellular radio
mobile radio
space division multiplexing
DEU raumteilender Mehrfachzugriff

space division multiplexing
BT multiplexing
SY *SDM*
spatial multiplexing
PT multiplexing
RT space division multiple access
DEU Raummultiplex

space elevators
USE space tethers

space groups
BT crystallography
PT crystal atomic structure
RT crystal structure
crystal symmetry
symmetry
DEU Raumgruppe

space heating
BT heating
NT district heating
HVAC
SY *heating, buildings*
PT heating
RT building management systems
building services
building simulation
cogeneration
environmental engineering
Fotovoltaikbuilding
gas appliances
ground source heat pumps
indoor environment
passive solar buildings
solar heating
total energy systems
trigeneration
vents (mechanical components)
DEU Raumheizung

space power generation
BT electric power generation
NT space vehicle power plants
SY *planetary bases, power supply*
planetary vehicles, power supply
RT laser power transmission
power supplies to apparatus
solar power satellites
space tethers
DEU Weltraumenergieerzeugung
DSY Weltraumstromerzeugung

space research
SY *astronautics*
RT aerospace
aerospace biophysics
artificial satellites
astronomy
space debris
space vehicles
DEU Raumforschung

space robots
USE aerospace robotics

Space Shuttle
USE space vehicles

space telemetry
BT telemetry
NT satellite telemetry
PT telemetering
telemetering equipment
telemetering systems
RT space communication links
DEU Weltraumtelemetrie

space tethers
SY *space elevators*
RT aerospace components
artificial satellites
space power generation
DEU Raum-Tether
DSY Weltraumhalteseil
Weltraumhaltestrick
Weltraumseil
Weltraumsicherungsleine

space time model
USE cluster emission model

space vehicle antennas
BT antennas
NT satellite antennas
PT antennas
RT antenna arrays
antenna radiation patterns
radar antennas
space communication links
DEU Raumfahrzeugantenne

space vehicle electronics
BT aerospace instrumentation
PT aerospace instrumentation
RT aerospace control
avionics
space vehicles
spacecraft computers
DEU Raumfahrzeugelektronik

space vehicle power plants
BT mobile power plants
space power generation
PT power plants
space vehicles
RT aircraft power systems
Brayton cycle
power supplies to apparatus
radioisotope thermoelectric generators
space vehicles
DEU Raumfahrzeugkraftwerk
DSY Weltraumkraftwerk

space vehicles
BT vehicles
NT artificial satellites
SY *Space Shuttle*
spacecraft
RT aerospace
aerospace accidents
aerospace components
aerospace instrumentation
aerospace materials
aerospace safety
entry, descent and landing (spacecraft)
ground support equipment
ground support systems
military equipment
planetary landers
planetary remote sensing
planetary rovers
propellants
rockets
space communication links
space debris
space research
space vehicle electronics
space vehicle power plants
spacecraft charging
star trackers
tracking
trajectory optimisation (aerospace)
DEU Raumfahrzeug

space-based radar
USE spaceborne radar

space-charge limited devices
BT dielectric devices
semiconductor devices
PT semiconductor devices
space charge
RT limited space charge
accumulation
space charge
space-charge-limited conduction
DEU raumladungsbegrenztes
Bauelement

space-charge-limited conduction
BT electrical conductivity
PT electrical conductivity of solids
space charge
RT limited space charge
accumulation
space charge
space-charge limited devices
DEU raumladungsbegrenzte Leitung

space-time adaptive processing
BT adaptive signal processing
SY *STAP*
PT adaptive signal processing
RT adaptive antenna arrays
adaptive radar
airborne radar
antenna phased arrays
array signal processing
direction-of-arrival estimation
interference suppression
phased array radar
radar antennas
radar clutter
radar detection
radar signal processing
synthetic aperture radar
DEU Raum-Zeit-Anpassungsarbeit

space-time block codes
BT block codes
space-time codes
PT block codes
space-time codes
RT channel coding
diversity reception
MIMO communication
OFDM modulation
DEU Raum-Zeit-Block-Code

space-time codes
BT codes
NT space-time block codes
PT block codes
codes
RT amplify and forward
communication
block codes
channel coding
cooperative communication
decoding
trellis codes
turbo codes
DEU Raum-Zeit-Code

space-time configurations
UF *Mach principle / cosmology* +
space-time configurations
RT brane world
cosmology
differential geometry
Einstein field equations
general relativity
geometry
gravitation
higher dimensional cosmology
Lorentz invariance
Poincare invariance
quantum gravity
DEU Raum-Zeit-Konfiguration
DSY Raum-Zeit-Kontinuum

spaceborne radar
BT radar
SY *satellite borne radar*
space-based radar
RT planetary remote sensing
radar interferometry
remote sensing by radar
synthetic aperture radar
DEU Satellitenradar
DSY Weltraumradar

spacecraft
USE space vehicles

spacecraft charging
PT space vehicles
static electrification
RT artificial satellites
radiation effects
space vehicles
static electrification
surface charging
DEU Raumfahrzeugladung

spacecraft computers
BT aerospace computing
special purpose computers
PT special purpose computers
RT avionics
space vehicle electronics
DEU Raumfahrtzeugrechner
DSY Raumfahrzeugcomputer

spacecraft descent
USE entry, descent and landing (spacecraft)

spacecraft landing
USE entry, descent and landing (spacecraft)

spacecraft materials
USE aerospace materials

spallation (nuclear)
USE nuclear spallation

Spalt
DUS für cracks

Spaltleiter
DUS für slot lines

Spaltlinie
DUS für slot lines

Spaltprodukt
DUS für fission products

Spaltreaktor
DUS für fission reactors

Spaltreaktorabschirmung
DEU for fission reactor containment

Spaltreaktoraußerbetriebsetzung
DEU for fission reactor decommissioning

Spaltreaktorbeobachtung
DEU for fission reactor monitoring

Spaltreaktorbetrieb
DEU for fission reactor operation

Spaltreaktorbrennstoff
DEU for fission reactor fuel

Spaltreaktorbrennstoffhülle
DEU for fission reactor fuel claddings

Spaltreaktorbrennstoffverkleidung
DUS für fission reactor fuel claddings

Spaltreaktorbrennstoffvorbereitung
DEU for fission reactor fuel preparation

Spaltreaktorbrennstoffwiederaufbereitun g
DEU for fission reactor fuel reprocessing

Spaltreaktordemontage
DUS für fission reactor decommissioning

Spaltreaktordesign
DEU for fission reactor design

Spaltreaktorentwurf
DUS für fission reactor design

Spaltreaktorinstrumentierung
DEU for fission reactor instrumentation

Spaltreaktorkernsteuerung
DEU for fission reactor core control

Spaltreaktorkinetik
DEU for fission reactor kinetics

Spaltreaktorkühlmittel
DEU for fission reactor coolants

Spaltreaktorkühlung
DEU for fission reactor cooling

Spaltreaktorkühlung und - wärmeableitung
DEU for fission reactor cooling and heat recovery

Spaltreaktorkühlung und - wärmerückgewinnung
DUS für fission reactor cooling and heat recovery

Spaltreaktorphysik
DEU for fission reactor physics

Spaltreaktorschutzhülle
DUS für fission reactor containment

Spaltreaktorsicherheit
DEU for fission reactor safety

Spaltreaktorstilllegung
DUS für fission reactor decommissioning

Spaltreaktortheorie
DEU for fission reactor theory

Spaltreaktorüberwachung
DUS für fission reactor monitoring

Spaltreaktorunfall
DEU for fission reactor accidents

Spaltreaktorwerkstoff
DEU for fission reactor materials

Spaltreaktorzerlegung
DUS für fission reactor decommissioning

Spaltungszähler
DEU for fission counters

spam (unsolicited e-mail)
USE unsolicited e-mail

Spam-Mail
DEU for unsolicited e-mail

Spanbarkeit
DUS für machinability

Spannung (mechanisch)
DUS für strain

Spannungs-Dehnungs-Verhalten
DUS für stress-strain relations

Spannungs-Frequenz-Konverter
DEU for voltage-frequency convertors

Spannungs-Frequenz-Wandler
DUS für voltage-frequency convertors

Spannungs-Streuung
DUS für potential scattering

spannungsabhängiger Widerstand
DEU for varistors

Spannungsanalyse
DUS für stress analysis

spannungsgesteuerter Oszillator
DEU for voltage-controlled oscillators

Spannungsmessung (elektrische Größe)
DEU for voltage measurement

Spannungsmessung (mechanische Größe)
DEU for stress measurement

Spannungsmessung (Oberfläche)
DUS für surface tension measurement

Spannungsoptik
DUS für photoelasticity

Spannungsqualität
DEU for power supply quality

Spannungsregelung
DEU for voltage control

Spannungsregler
DEU for voltage regulators

Spannungsrelaxation
DEU for stress relaxation

Spannungsrisskorrosion
DEU for stress corrosion cracking

Spannungsschwankung
DUS für current fluctuations

Spannungsteiler
DEU for voltage dividers

Spannungsvervielfacher
DEU for voltage multipliers

Spannungswandler
DEU for potential transformers

Spannungswiedereinschalter
DEU for restriking voltage

Spanstauchung
DUS für pressing

spantane Spaltung
DEU for spontaneous fission

Spanwerkzeug
DUS für cutting tools

spare parts
USE maintenance engineering

spark chambers
BT particle track visualisation
position sensitive particle detectors
SY *filmless spark chambers*
sonic spark chambers

RT spark counters
sparks
DEU Funkenkammer

spark counters
BT counters
RT spark chambers
sparks
DEU Funken-Zähler

spark gaps
NT air gaps
RT pulsed power switches
pulsed power technology
sparks
DEU Funkenstrecke

spark machining
BT electrical discharge machining
RT sparks
DEU Funkenerosionsmaschine

spark plugs
BT electric ignition
PT electric ignition
RT automotive electronics
internal combustion engines
sparks
DEU Zündkerze

sparks
BT discharges (electric)
RT arcs (electric)
corona
spark chambers
spark counters
spark gaps
spark machining
spark plugs
DEU Funke

sparse matrices
BT matrix algebra
PT matrix algebra
DEU dünne Matrix

sparse sampling
USE compressed sensing

sparticle production
RT sparticles
supersymmetry
DEU Spartikel-Produktion

sparticles
BT hypothetical particles
SY *charginos*
gauginos
Higgsinos
neutralinos
supersymmetric particles
Winos
PT hypothetical particles
RT sparticle production
supersymmetry
unified field theories
DEU Spartikel

Spartikel
DEU for sparticles

Spartikel-Produktion
DEU for sparticle production

Spartransformator
DEU for autotransformers

spatial data structures
BT data structures
PT data structures
RT image representation
spatial reasoning
tree data structures
visual databases
DEU räumliche Datenstruktur

spatial databases
USE visual databases

spatial filters
BT filters
PT filters
optical filters
RT filtering theory
image processing
optical correlation
optical filters
optical information processing
spatial light modulators
zone plates
DEU Raumfilter

spatial light modulators
BT optical modulation
SY *SLM*
PT optical modulation
RT electro-optical devices
electro-optical modulation
liquid crystal devices
liquid crystal on silicon
optical correlation
optical information processing
spatial filters
DEU räumlicher Lichtmodulator

spatial multiplexing
USE space division multiplexing

spatial orientation control
USE attitude control

spatial reasoning
BT inference mechanisms
SY *geometric reasoning*
RT computational geometry
planning (artificial intelligence)
spatial data structures
temporal reasoning
visual databases
DEU räumlicher Verstand

spatial variables control
BT control of specific variables
NT attitude control
displacement control
level control
motion control
position control
shape control
size control
thickness control
volume control
PT mechanical variables control
RT spatial variables measurement
DEU Messung räumlicher Variablen

spatial variables measurement
BT measurement
NT angular measurement
area measurement
attitude measurement
coordinate measuring machines
curvature measurement
diameter measurement
displacement measurement
distance measurement
height measurement
length measurement
level measurement
motion measurement
position measurement
rotation measurement
shape measurement
size measurement
surface topography measurement
thermal expansion measurement
thickness measurement
volume measurement
UF *depth measurement / bathymetry*
+ spatial variables measurement
PT mechanical variables
measurement
RT integrated circuit measurement
spatial variables control
DEU Messen räumlicher Größen

spatio-temporal phenomena
USE spatiotemporal phenomena

spatiotemporal phenomena
SY *spatio-temporal phenomena*
RT bifurcation
chaos
image sequences
motion estimation
neural nets
neurophysiology
nonlinear dynamical systems
pattern formation
visual servoing
DEU Raum-Zeit-Phänomen

SPE
USE solid phase epitaxial growth

speaker identification
USE speaker recognition

speaker recognition
BT speech recognition
SY *speaker identification*
speaker verification
PT speech recognition
RT biometrics (access control)
mixture models
DEU Spechererkennung

speaker verification
USE speaker recognition

Spechererkennung
DEU for speaker recognition

special libraries
BT libraries
NT academic libraries
research libraries
PT libraries
DEU Fachbibliothek
DSY Spezialbibliothek

special purpose computers
BT digital computers
NT aircraft computers
database machines
digital differential analysers
process computers
spacecraft computers
SY *dedicated computers*
DEU Spezialcomputer
DSY Spezialrechner

special relativity
BT relativity
NT Lorentz transformation
SY *clock paradox*
RT classical field theory
Einstein field equations
general relativity
Lorentz invariance
Poincare invariance
relativistic quantum mechanics
tachyons
DEU spezielle Relativitätstheorie

specific gravity
USE density

specific gravity measurement
USE density measurement

specific heat
BT thermal properties
thermodynamic properties
NT Schottky anomaly
SY *heat capacity*
thermal capacity
RT calorimetry
Debye temperature
Gruneisen coefficient
heat
heat of fusion
DEU spezifische Wärme

specific volume
USE density

specification conformance testing
USE conformance testing

specification languages
BT languages
NT hardware description languages
Unified Modeling Language
Web Services Business Process
Execution Language
SY *CHILL*
Estelle
UF *fourth-generation languages / application generators + database management systems + high level languages + programming environments + query languages + report generators + simulation languages + specification languages*
SY *LOTOS*
SDL
system description languages
PT high level languages
RT conformance testing
formal languages
formal specification
high level languages
natural languages
programming languages
query languages
DEU Spezifikationssprache

specimen holders
USE sample holders

specimen preparation
NT biological specimen preparation
sample holders
UF *crystal cleavage / crystal faces + specimen preparation*
SY *microtomes*
sample preparation
PT laboratory apparatus and techniques
RT electron microscopy
fractography
metallography
replica techniques
DEU Probenvorbereitung

speckle
NT electronic speckle pattern interferometry
UF *speckle photography / photographic applications + speckle*
RT holographic interferometry
light coherence
light interferometry
light scattering
optical images
rough surfaces
DEU Fleck
DSY Schimmer

speckle photography
USE photographic applications
\+ speckle

Speckle-Interferometrie
DEU for electronic speckle pattern interferometry

SPECT
USE single photon emission computed tomography

SPECT (Verfahren)
DUS für single photon emission computed tomography

spectacle lenses
USE ophthalmic lenses

spectra (general)
NT alpha-particle spectra
astronomical spectra
atmospheric spectra
beam-foil spectra
beta-ray spectra
Brillouin spectra
defect absorption spectra
electron spectra
energy level crossing
Fourier transform spectra
gamma-ray spectra
impurity absorption spectra
infrared spectra
luminescence
mass spectra
matrix isolation spectra
modulation spectra
multiphoton spectra
neutron spectra
nonradiative transitions
optical hole burning
optogalvanic spectra
oscillator strengths
phonon spectra
photoacoustic spectra
proton spectra
quantum beat spectra
radiofrequency spectra
Raman spectra
Rayleigh scattering
Shpolskii spectra
time of flight spectra
time resolved spectra
transition moments
tunnelling spectra
two-dimensional spectra
ultraviolet spectra
visible spectra
X-ray spectra
SY *absorption spectra*
light absorption spectra
UF *light reflection spectra / reflectivity + spectra (general)*
SY *optical absorption spectra*
UF *optical reflection spectra / reflectivity + spectra (general)*
UF *reflection spectra / reflectivity + spectra (general)*
SY *spectrum*
Stokes lines
RT atomic structure
chemical shift
colour
Doppler broadening
Doppler shift
electromagnetic wave absorption
excitons
Franck-Condon factors
g-factor
Jahn-Teller effect
Kramers-Kronig relations
light absorption
magnetic circular dichroism
multiphoton processes
optical properties
photon echo
rotational states
rotational-vibrational states
solvent effects
spectral analysers
spectral line breadth
spectral line intensity
spectral line shift
spectrochemical analysis
spectrometers
spectrophotometry
spectroscopy
stimulated emission
stimulated scattering
trions
two-photon processes
vibrational states
Zeeman effect
DEU Spektrum (allgemein)

spectral analysers
SY *spectral analyzers*
spectrum analysers
spectrum analyzers
RT spectra (general)
spectral analysis
transient analysers
wave analysers
DEU Spektralanalysator
DSY Spektrumanalysator

spectral analysis
BT waveform analysis
NT cepstral analysis
PT mathematical analysis
signal processing
waveform analysis
RT acoustic signal processing
autoregressive moving average processes
autoregressive processes
bandlimited signals
data analysis
data reduction
frequency estimation
higher order statistics
maximum entropy methods

minimum entropy methods
signal classification
signal processing
spectral analysers
time-frequency analysis
DEU Spektralanalyse

spectral analyzers
USE spectral analysers

spectral broadening
USE spectral line broadening

spectral factorisation
USE matrix decomposition

spectral filters
USE optical filters

spectral hole burning
USE optical hole burning

spectral line breadth
NT Davydov splitting
EPR line breadth
NMR line breadth
spectral line broadening
spectral line narrowing
Stark effect
Zeeman effect
SY *linewidths (spectral)*
spectral line profiles
spectral line shape
spectral linewidths
Voigt profile
RT chemical shift
isomer shift
isotope shifts
spectra (general)
spectral line intensity
DEU Spektrallinienbreite

spectral line broadening
BT spectral line breadth
NT Doppler broadening
SY *spectral broadening*
UF *Stark broadening / spectral line broadening + Stark effect*
PT atomic spectral line breadth
molecular spectral line breadth
spectral line breadth
RT spectral line intensity
spectral line narrowing
spectral line shift
DEU Spektrallinienverbreiterung

spectral line formation
USE radiative transfer

spectral line intensity
RT spectra (general)
spectral line breadth
spectral line broadening
spectral line narrowing
spectral line shift
DEU Spektrallinienintensität

spectral line narrowing
BT spectral line breadth
SY *spectral narrowing*
PT atomic spectral line breadth
molecular spectral line breadth
spectral line breadth
RT spectral line broadening
spectral line intensity
spectral line shift
DEU Spektrallinienabstand
DSY Spektralliniennähe

spectral line profiles
USE spectral line breadth

spectral line shape
USE spectral line breadth

spectral line shift
NT chemical shift
Doppler shift
isomer shift
isotope shifts
Knight shift
Lamb shift
radiative shifts
red shift
SY *agomeric shift*
blue shift
contact shift
spectral shift
RT spectra (general)
spectral line broadening
spectral line intensity
spectral line narrowing
Stark effect
Zeeman effect
DEU Spektrallinienverschiebung

spectral linewidths
USE spectral line breadth

spectral methods of temperature measurement
BT temperature measurement
RT pyrometers
DEU Temperaturmessung mit

spektraler Methode

spectral narrowing
USE spectral line narrowing

spectral shift
USE spectral line shift

spectral-domain analysis
BT mathematical analysis
RT antenna theory
Green's function methods
waveguide theory
DEU Spektralbereichsanalyse

spectrochemical analysis
BT chemical analysis
NT atomic absorption spectroscopy
atomic emission spectroscopy
ESCA
X-ray fluorescence analysis
SY *fluorimetry*
RT colorimetry
explosive detection
remote sensing by laser beam
spectra (general)
spectrophotometers
spectrophotometry
spectroscopy
DEU spektralchemische Analyse
DSY spektralchemische Untersuchung

spectrographs
USE spectrometers

spectrography
USE spectroscopy
DEU Spektrographie

spectrometer accessories
NT mass spectrometer accessories
spectroscopic light sources
SY *spectrometer components and accessories*
PT spectrometer components and accessories
RT spectrometers
DEU Spektrometerzubehör

spectrometer components and accessories
USE spectrometer accessories

spectrometers
BT instruments
NT Fourier transform spectrometers
infrared spectrometers
interference spectrometers
ion mobility spectrometers
magnetic resonance
spectrometers
mass spectrometers
particle spectrometers
radiofrequency spectrometers
ultraviolet spectrometers
visible spectrometers
X-ray spectrometers
SY *spectrographs*
spectroscopes
RT diffraction gratings
photometers
spectra (general)
spectrometer accessories
spectroscopy
DEU Spektrometer

spectrophotometers
BT photometers
RT spectrochemical analysis
spectrophotometry
spectroscopy
DEU Spektrofotometer
DSY Spektrophotometer

spectrophotometry
BT photometry
RT colorimetry
colour
spectra (general)
spectrochemical analysis
spectrophotometers
spectroscopy
DEU Spektrofotometrie
DSY Spektrophotometrie

spectroscopes
USE spectrometers

spectroscopic binaries
USE binary stars

spectroscopic light sources
BT light sources
spectrometer accessories
RT ultraviolet sources
DEU spektroskopische Lichtquelle

spectroscopically segregated binary stars
USE binary stars
\+ ultraviolet sources (astronomical)

spectroscopy
NT alpha-particle spectroscopy
atomic absorption spectroscopy
atomic emission spectroscopy
beam-foil spectroscopy
beta-ray spectroscopy
deep level transient spectroscopy

electrochemical impedance spectroscopy
electron spectroscopy
fluorescence spectroscopy
Fourier transform spectroscopy
gamma-ray spectroscopy
infrared spectroscopy
interference spectroscopy
ion mobility spectroscopy
magnetic resonance spectroscopy
mass spectroscopy
matrix isolation spectroscopy
modulation spectroscopy
multiphoton spectroscopy
neutron spectroscopy
optogalvanic spectroscopy
photoacoustic spectroscopy
photon correlation spectroscopy
photothermal spectroscopy
point contact spectroscopy
quantum beat spectroscopy
radiofrequency spectroscopy
Raman spectroscopy
time of flight spectroscopy
time resolved spectroscopy
tunnelling spectroscopy
two-dimensional spectroscopy
ultraviolet spectroscopy
visible spectroscopy
X-ray spectroscopy
UF *astronomical spectroscopy / astronomical spectra* + *spectroscopy*
UF *HMEAS / energy level crossing* + *spectroscopy*
SY *spectrography*
RT laser beam applications
luminescence
measurement by laser beam
spectra (general)
spectrochemical analysis
spectrometers
spectrophotometers
spectrophotometry
spectroscopy computing
DEU Spektrometrie
DSY Spektroskopie

spectroscopy computing
BT chemistry computing
computerised instrumentation
physics computing
SY *computerised spectroscopy*
PT spectroscopy applications of computers
RT spectroscopy
DEU Computeranwendung in der Spektroskopie
DSY computergestützte Spektroskopie
computerunterstützte Spektroskopie
Rechneranwendung in der Spektroskopie
rechnergestützte Spektroskopie
spektroskopische Computeranwendung
spektroskopische Rechneranwendung

spectrum
USE spectra (general)

spectrum analysers
USE spectral analysers

spectrum analyzers
USE spectral analysers

spectrum binaries
USE binary stars

Spectrum computers
USE Sinclair computers

spectrum sensing (radiocommunication)
USE radio spectrum management
\+ signal detection

spectrum sharing
USE radio spectrum management

spectrum variables
USE chemically peculiar stars
\+ magnetic stars

speculative computation
USE parallel programming

speech
BT biocommunications
SY *articulation (speech)*
voice
RT acoustic wave propagation
audio acoustics
biophysics
hearing
linguistics
speech intelligibility
speech processing
speech recognition
speech synthesis
DEU Sprechen

speech amplifiers
USE audio-frequency amplifiers

speech codecs
BT codecs
PT codecs
RT decoding
speech coding
vocoders
DEU Sprach-Codec

speech coders
USE vocoders

speech coding
BT encoding (general)
speech processing
UF *speech compression / data compression + speech coding*
UF *variable rate speech coding / speech coding + variable rate codes*
PT encoding (general)
speech analysis and processing
RT adaptive codes
audio coding
channel coding
codecs
differential pulse code modulation
linear predictive coding
speech codecs
transform coding
variable rate codes
vector quantisation
vocoders
voice communication
DEU Sprachcodierung

speech compression
USE data compression
\+ speech coding

speech enhancement
BT speech processing
PT speech analysis and processing
RT speech intelligibility
DEU Sprachverstärkung

speech intelligibility
SY *intelligibility, speech*
UF *masking (acoustic) / hearing + speech intelligibility*
RT hearing
human factors
information theory
speech
speech enhancement
speech recognition
DEU Sprachverständlichkeit

speech processing
NT speech coding
speech enhancement
SY *phonetics*
PT speech analysis and processing
RT adaptive signal processing
cepstral analysis
frequency estimation
moving average processes
speech
speech recognition
speech synthesis
DEU Sprachverarbeitung

speech recognition
BT pattern recognition
NT speaker recognition
SY *isolated word recognition*
UF *voice input / speech recognition + speech-based user interfaces + voice equipment*
RT acoustics
emotion recognition
feature extraction
hearing
hidden Markov models
natural language processing
natural languages
pattern recognition equipment
speech
speech intelligibility
speech processing
speech recognition equipment
speech synthesis
speech-based user interfaces
voice equipment
DEU Spracherkennung

speech recognition equipment
BT pattern recognition equipment
PT speech recognition
RT speech recognition
speech synthesis
voice equipment
DEU Spracherkennungsausrüstung
DSY Spracherkennungsausstattung
Spracherkennungsgerät

speech synthesis
SY *text-to-speech synthesis*
UF *voice synthesis / speech synthesis + voice equipment*
RT computer peripheral equipment
natural language processing
signal synthesis
speech
speech processing

speech recognition
speech recognition equipment
vocoders
voice equipment
DEU Sprachsynthese

speech transmission
USE voice communication

speech-based user interfaces
BT user interfaces
SY *SUI*
UF *voice input / speech recognition* + *speech-based user interfaces* + *voice equipment*
PT user interfaces
RT natural language interfaces
speech recognition
voice equipment
DEU sprachbasierte Nutzerschnittstelle
DSY sprachbasiertes Nutzerinterface

speed
USE velocity

speed control
USE velocity control

speed measurement
USE velocity measurement

Speicher (Ware)
DUS für storage

Speicherarchitektur
DEU for memory architecture

Speicherautomatisierung
DUS für storage automation

Speicherbauelement
DEU for storage devices

Speicherbaustein
DUS für storage devices

Speicherbereichsnetz
DEU for storage area networks

Speicherdirektzugriff
DEU for direct memory access

Speicherdruck
DUS für pressure

Speichereinheit (Computer)
DEU for storage units

Speichererweiterungseinheit
DEU for memory expansion boards

Speichergerät
DUS für storage devices

Speicherkarte
DEU for memory cards

speicherloses System
DEU for memoryless systems

Speichermedium
DEU for storage media

Speicherorganisation
DEU for storage organization

Speicherprotokoll
DEU for memory protocols

Speicherring
DEU for storage rings

Speicherröhre
DEU for storage tubes

Speicherung (Ware)
DUS für storage

Speicherung radioaktiven Abfalls
DUS für radioactive waste storage

Speicherverwaltung
DEU for storage management

Speicherverwaltungsbauelement
DEU for storage management chips

Speicherverwaltungschip
DUS für storage management chips

Speicherzuteilung
DEU for storage allocation

Speicherzuweisung
DUS für storage allocation

Spektralanalysator
DEU for spectral analysers

Spektralanalyse
DEU for spectral analysis

Spektralbereichsanalyse
DEU for spectral-domain analysis

spektralchemische Analyse
DEU for spectrochemical analysis

spektralchemische Untersuchung
DUS für spectrochemical analysis

Spektrallinienabstand
DEU for spectral line narrowing

Spektrallinienbreite
DEU for spectral line breadth

Spektrallinienintensität
DEU for spectral line intensity

Spektralliniennähe
DUS für spectral line narrowing

Spektrallinienverbreiterung
DEU for spectral line broadening

Spektrallinienverschiebung
DEU for spectral line shift

Spektrofotometer
DEU for spectrophotometers

Spektrofotometrie
DEU for spectrophotometry

Spektrographie
DEU for spectrography

Spektrometer
DEU for spectrometers

Spektrometer (sichtbares Licht)
DUS für visible spectrometers

Spektrometerzubehör
DEU for spectrometer accessories

Spektrometrie
DEU for spectroscopy

Spektrophotometer
DUS für spectrophotometers

Spektrophotometrie
DUS für spectrophotometry

Spektroskopie
DUS für spectroscopy

spektroskopische Computeranwendung
DUS für spectroscopy computing

spektroskopische Lichtquelle
DEU for spectroscopic light sources

spektroskopische Rechneranwendung
DUS für spectroscopy computing

Spektrum (allgemein)
DEU for spectra (general)

Spektrumanalysator
DUS für spectral analysers

spelling aids
BT word processing
PT word processing
DEU Rechtschreibhilfe
DSY Textprüfhilfe (Grammatik)

spelter
USE zinc

Sperrdruckbehälter
DUS für pressure vessels

Sperrschicht-FET
DEU for junction gate field effect transistors

Sperry computers
USE Unisys computers

Spezialbibliothek
DUS für special libraries

Spezialcomputer
DEU for special purpose computers

Spezialgrößensteuerung
DUS für control of specific variables

Spezialrechner
DUS für special purpose computers

Spezialroboter
DEU for dexterous manipulators

Spezialvariablensteuerung
DUS für control of specific variables

spezielle Relativitätstheorie
DEU for special relativity

Spezifikationssprache
DEU for specification languages

spezifische Wärme
DEU for specific heat

spezifischer Widerstand
DEU for electrical resistivity

sphärisch-chromatische Aberration
DUS für aberrations

sphärische Aberration
DEU for spherical aberration

sphärische Aberrationskoeffizient
DUS für aberrations

sphere-chromatic aberration
USE aberrations

spheres (shapes)
USE shapes (structures)

spherical aberration
USE aberrations
DEU sphärische Aberration

spheroidizing
BT heat treatment
PT heat treatment of alloys
heat treatment
DEU Kugeligglühen

spheromak
USE plasma confinement

SPHF calculations
USE HF calculations

SPICE
BT electronic engineering computing
SY *PSPICE*
simulation program with integrated circuit emphasis
RT circuit analysis computing
circuit CAD
digital simulation
integrated circuit technology
semiconductor device models
DEU SPICE (IC)

SPICE (IC)
DEU for SPICE

spicules
USE chromosphere

Spiegel
DEU for mirrors

Spieltheorie
DEU for game theory

Spielwarenindustrie
DEU for toy manufacturing industry

spin
NT elementary particle spin
nuclear spin
RT isotopic spin (elementary particles)
quantum theory
spin density waves
spin Hamiltonians
spin waves
DEU Spin

spin (stars)
USE stellar rotation

spin arrangements
USE magnetic structure

spin coating
BT coating techniques
RT ferroelectric thin films
optical films
photoresists
polymer films
sol-gel processing
DEU Schleuderbeschichten

spin decoupling (NMR)
USE double nuclear magnetic resonance

spin density waves
BT magnetism
waves
SY *SDW*
RT electron gas
spin
spin dynamics
spin fluctuations
DEU Spin-Dichte-Welle

spin diffusion
USE spin dynamics

spin disorder resistivity
BT electrical resistivity
spin dynamics
PT electrical conductivity of solids
RT galvanomagnetic effects
magnetic semiconductors
DEU Spin-Störungs-Widerstand

spin dynamics
BT magnetism
NT spin disorder resistivity
SY *spin diffusion*
spin reorientation
RT antiferromagnetism
electron spin polarisation
ferromagnetism
magnetic tunnelling
paramagnetism
spin density waves
spin fluctuations
spin systems
spin waves
DEU Spin-Dynamik
DSY Spindynamik

spin echo (EPR)
BT paramagnetic resonance
SY *electron spin echo*
EPR spin echo
PT paramagnetic resonance
DEU Spin-Echo (EPR)

spin echo (NMR)
BT nuclear magnetic resonance
SY *NMR spin echo*
nuclear spin echo
PT nuclear magnetic resonance
DEU Spin-Echo (NMR)

spin flop phase
USE antiferromagnetic materials

spin fluctuations
BT fluctuations
PT spin dynamics
RT antiferromagnetism
ferromagnetism
paramagnetism
spin density waves
spin dynamics
spin systems
spin waves
spin-Peierls transition
DEU Spin-Schwankung

spin frustration
USE frustration

spin glasses
BT magnetic materials
RT frustration
mictomagnetism
RKKY interaction
semimagnetic semiconductors
spin systems
DEU Spinglas

spin Hall effect
BT Hall effect
PT Hall effect
RT magnetoelectronics
spin polarised transport
topological insulators
DEU Spin-Hall-Effekt

spin Hamiltonians
BT magnetism
quantum theory
RT spin
spin-phonon interactions
DEU Hamilton-Spin

spin injection
USE spin polarised transport

spin polarisation, electron
USE electron spin polarisation

spin polarised atomic hydrogen
BT electron spin polarisation
hydrogen neutral atoms
quantum fluids
PT electron spin polarisation
hydrogen neutral atoms
quantum fluids
RT boson systems
DEU atomarer Spin-polarisierter Wasserstoff
DSY Spin polarisierter atomarer Wasserstoff
spinpolarisierter atomarer Wasserstoff

spin polarised electron emission
BT electron emission
electron spin polarisation
PT electron emission
DEU Spin polarisierte Elektronenemission
DSY Spin-polarisierte Elektronenemission
spinpolarisierte Elektronenemission

spin polarised transport
BT electron spin polarisation
transport processes
SY *spin injection*
spin polarized transport
PT electron spin polarisation
RT magnetic tunnelling
magnetoelectronics
magnetoresistance
spin Hall effect
DEU Spin polarisierter Transport
DSY Spinpolarisationstransport
spinpolarisierter Transport

Spin polarisierte Elektronenemission
DEU for spin polarised electron emission

Spin polarisierter atomarer Wasserstoff
DUS für spin polarised atomic hydrogen

Spin polarisierter Transport
DEU for spin polarised transport

spin polarized transport
USE spin polarised transport

spin reorientation
USE spin dynamics

spin systems
BT magnetism
RT magnetic structure
mictomagnetism
spin dynamics
spin fluctuations
spin glasses
DEU Spin-System

spin tickling (NMR)
USE double nuclear magnetic
resonance

spin valves
BT magnetoresistive devices
PT giant magnetoresistance
magnetic multilayers
magnetoresistive devices
RT giant magnetoresistance
magnetic heads
magnetic multilayers
magnetoelectronics
MRAM devices
DEU Spin-Röhre
DSY Spin-Ventil

spin wave resonance
USE ferromagnetic resonance

spin waves
BT magnetism
waves
RT antiferromagnetism
ferrimagnetism
ferromagnetism
magnetisation
magnetostatic waves
magnons
spin
spin dynamics
spin fluctuations
DEU Spinwelle

spin-dependent tunnelling
USE magnetic tunnelling

Spin-Dichte-Welle
DEU for spin density waves

Spin-Dynamik
DEU for spin dynamics

Spin-Echo (EPR)
DEU for spin echo (EPR)

Spin-Echo (NMR)
DEU for spin echo (NMR)

Spin-Gitter-Relaxation
DEU for spin-lattice relaxation

Spin-Hall-Effekt
DEU for spin Hall effect

spin-lattice relaxation
BT magnetic relaxation
NT electron spin-lattice relaxation
nuclear spin-lattice relaxation
UF *T1 relaxation (magnetic resonance) / electron spin-lattice relaxation + nuclear spin-lattice relaxation + spin-lattice relaxation*
PT magnetic relaxation
RT spin-phonon interactions
DEU Spin-Gitter-Relaxation

spin-orbit interactions
BT energy states
SY *j-j coupling*
RT multi-centre shell model
nuclear shell model
spin-rotation coupling
spin-spin interactions
topological insulators

weak localisation
DEU Spin-Orbit-Wechselwirkung

Spin-Orbit-Wechselwirkung
DEU for spin-orbit interactions

spin-Peierls transition
BT phase transformations
PT Peierls instability
RT magnetic transitions
magnetoelastic effects
Peierls instability
spin fluctuations
spin-phonon interactions
DEU Spin-Peierls-Übergang

Spin-Peierls-Übergang
DEU for spin-Peierls transition

spin-phonon interactions
BT energy states
phonons
PT lattice phonons
phonons
RT acoustic superradiance
electron-phonon interactions
spin Hamiltonians
spin-lattice relaxation
spin-Peierls transition
DEU Spin-Phonon-Wechselwirkung

Spin-Phonon-Wechselwirkung
DEU for spin-phonon interactions

Spin-polarisierte Elektronenemission
DUS für spin polarised electron emission

Spin-Röhre
DEU for spin valves

spin-rotation coupling
BT energy states
RT dipole coupling
hyperfine structure
microwave spectra
rotational states
spin-orbit interactions
spin-spin coupling
DEU Spin-Rotationskopplung

Spin-Rotationskopplung
DEU for spin-rotation coupling

Spin-Schwankung
DEU for spin fluctuations

spin-spin coupling
BT spin-spin interactions
UF *nuclear coupling, molecular / dipole coupling + quadrupole coupling + spin-spin coupling*
UF *Sternheimer shielding / dipole coupling + quadrupole coupling + spin-spin coupling*
PT molecular nuclear coupling
RT dipole coupling
quadrupole coupling
spin-rotation coupling
spin-spin relaxation
DEU Spin-Spin-Kopplung

spin-spin interactions
BT energy states
NT spin-spin coupling
RT spin-orbit interactions
spin-spin relaxation
DEU Spin-Spin-Wechselwirkung

spin-spin relaxation
BT magnetic relaxation
SY *nuclear spin-spin relaxation*
T2 relaxation (magnetic resonance)
PT magnetic relaxation
RT nuclear magnetic resonance
paramagnetic resonance
spin-spin coupling
spin-spin interactions
DEU Spin-Spin-Entspannung
DSY Spin-Spin-Relaxation

Spin-Spin-Entspannung
DEU for spin-spin relaxation

Spin-Spin-Kopplung
DEU for spin-spin coupling

Spin-Spin-Relaxation
DUS für spin-spin relaxation

Spin-Spin-Wechselwirkung
DEU for spin-spin interactions

Spin-Störungs-Widerstand
DEU for spin disorder resistivity

Spin-System
DEU for spin systems

Spin-Ventil
DUS für spin valves

spinal cord
USE neurophysiology

Spindelpresse
DUS für presses

spindle bearings
USE machine bearings
+ machine tool spindles

Spindynamik
DUS für spin dynamics

spine
USE bone
+ neurophysiology
+ orthopaedics

Spinglas
DEU for spin glasses

Spinnen (Textil)
DEU for spinning (textiles)

spinning (textiles)
BT textile technology
PT textile industry
RT electrospinning
spinning machines
textile fibres
yarn
DEU Spinnen (Textil)

spinning machines
BT textile machinery
PT textile industry
RT spinning (textiles)
DEU Spinnmaschine

Spinnmaschine
DEU for spinning machines

spinodal decomposition
BT decomposition
SY *decomposition, spinodal*
PT phase transformations
solid-state phase transformations
RT phase transformations
segregation
DEU spinodaler Zerfall

spinodaler Zerfall
DEU for spinodal decomposition

spinor groups
USE group theory

spinors
USE vectors

Spinpolarisationstransport
DUS für spin polarised transport

spinpolarisierte Elektronenemission
DUS für spin polarised electron emission

spinpolarisierter atomarer Wasserstoff
DUS für spin polarised atomic hydrogen

spinpolarisierter Transport
DUS für spin polarised transport

spintronics
USE magnetoelectronics

Spinwelle
DEU for spin waves

Spin
DEU for spin

spiral antennas
BT antennas
SY *log spiral antennas*
DEU Spiralantenne

spiral galaxies
USE galaxies

Spiralantenne
DEU for spiral antennas

Spiralförmigkeit (Elementarteilchen)
DUS für helicity (elementary particles)

spirality
USE elementary particle theory

spirometry
USE pneumodynamics

Spitzendetektor
DEU for peak detectors

Spitzendruck
DUS für pressure

Spitzenfehlerstreuung
DUS für point defect scattering

Spitzenkontakt
DUS für point contacts

Spitzenkontakt-Spektroskopie
DUS für point contact spectroscopy

Spitzenkontaktspektroskopie
DUS für point contact spectroscopy

Spitzenleistungsnachführung
DUS für maximum power point trackers

Spitzensystem
DUS für pointing systems

Spitzenwert-Detektor
DUS für peak detectors

Spitzenwertdetektor
DUS für peak detectors

splat cooling
BT quenching (thermal)
SY *cooling, splat*
PT quenching (thermal)
RT melt spinning
metallic glasses
rapid solidification
DEU sehr schnelle Kühlung

Spleißen
DEU for splicing

splicing
BT joining processes
UF *cable splicing / cable jointing + splicing*
UF *fusion splicing / optical fibre fabrication + splicing*
RT cable jointing
optical fibre fabrication
DEU Spleißen

Spline-Funktion
DEU for splines (mathematics)

splines (mathematics)
BT polynomials
SY *NURBS*
PT interpolation
RT computational geometry
curve fitting
extrapolation
function approximation
interpolation
numerical analysis
polynomial approximation
surface fitting
DEU Spline-Funktion

splines (mechanical components)
BT machine components
RT gears
machine tool spindles
shafts
DEU Keil (mechanisches Element)
DSY Nut (mechanisches Element)

split phase motors
USE induction motors

SPM
USE scanning probe microscopy

sponges
USE porous materials

sponginess
USE porosity

spontane Magnetisierung
DEU for spontaneous magnetisation

Spontanemission
DEU for spontaneous emission

spontaneous emission
BT emission
PT fluorescence
RT fluorescence
microcavities
photonic crystals
superradiance
DEU Spontanemission

spontaneous emission, amplified
USE superradiance

spontaneous fission
BT fission
radioactivity
PT nuclear fission
radioactivity
DEU spantane Spaltung

spontaneous magnetisation
BT magnetisation
SY *intrinsic magnetisation*
spontaneous magnetization
PT magnetisation
DEU spontane Magnetisierung

spontaneous magnetization
USE spontaneous magnetisation

spontaneous pattern formation
USE pattern formation

spontaneous symmetry breaking
BT elementary particle symmetry
SY *symmetry breaking*
PT elementary particle symmetry
RT quantum field theory
Weinberg model
DEU spontaner Symmetriebruch

spontaner Symmetriebruch
DEU for spontaneous symmetry breaking

sporadic-E layer
BT E-region
PT E-region
DEU sporadische E-Schicht

sporadische E-Schicht
DEU for sporadic-E layer

sport
BT entertainment
leisure industry
PT entertainment
RT biomechanics
gait analysis
sports equipment
DEU Sport (allgemein)

Sport (allgemein)
DEU for sport

Sport und Unterhaltung
DEU for sports and entertainment

Sportausrüstung
DEU for sports equipment

Sportkleidung
DEU for sportswear

sports and entertainment
DEU Sport und Unterhaltung

sports equipment
BT manufactured products
RT bicycles
sport
sportswear
DEU Sportausrüstung

sportswear
BT clothing
RT footwear
protective clothing
sports equipment
DEU Sportkleidung

spot welding
BT resistance welding
PT resistance welding
DEU Punktschweißen

Sprach-Codec
DEU for speech codecs

Sprach-Codierer
DEU for vocoders

Sprach-Mail
DEU for voice mail

Sprachausrüstung
DEU for voice equipment

sprachbasierte Nutzerschnittstelle
DEU for speech-based user interfaces

sprachbasiertes Nutzerinterface
DUS für speech-based user interfaces

Sprachcodierer
DUS für vocoders

Sprachcodierung
DEU for speech coding

Sprache
DEU for languages

Spracherkennung
DEU for speech recognition

Spracherkennungsausrüstung
DEU for speech recognition equipment

Spracherkennungsausstattung
DUS für speech recognition equipment

Spracherkennungsgerät
DUS für speech recognition equipment

Sprachkommunikation
DEU for voice communication

Sprachsynthese
DEU for speech synthesis

Sprachübersetzung
DEU for language translation

Sprachübersetzung und Linguistik
DEU for language translation and linguistics

Sprachübersetzung und Sprachwissenschaften
DUS für language translation and linguistics

Sprachverarbeitung
DUS für natural language processing

Sprachverarbeitung
DEU for speech processing

Sprachverständlichkeit
DEU for speech intelligibility

Sprachverstärkung
DEU for speech enhancement

Sprachzeichenerkennung
DUS für sign language recognition

Spray
DEU for sprays

spray coating techniques
BT coating techniques
spraying
NT plasma arc spraying
SY *detonation spraying*
electrostatic coating techniques
flame spraying
UF *powder spraying / powder technology + spray coating techniques*
PT coating techniques
RT ink jet printing
spray coatings
thermal spraying
DEU Überzugssprühausrüstung

spray coatings
BT coatings
NT plasma arc sprayed coatings
SY *electrostatic coatings*
flame sprayed coatings
powder sprayed coatings
PT films
thin films
RT spray coating techniques
DEU Sprühbeschichtung
DSY Sprühüberzug

spray drying
USE drying
\+ powder technology
\+ spraying

spraying
BT materials handling
NT spray coating techniques
thermal spraying
UF *spray drying / drying + powder technology + spraying*
RT electrospinning
sprays
DEU Spritzen

sprays
UF *atomisation / dissociation + sprays*
RT aerosols
drops
jets
spraying
DEU Spray

spread F
USE F-region
\+ ionospheric disturbances

spread spectrum communication
BT telecommunication
UF *direct sequence code division multiple access / code division multiple access + spread spectrum communication*
UF *direct sequence spread spectrum communication / code division multiple access + spread spectrum communication*
UF *DS-CDMA / code division multiple access + spread spectrum communication*
UF *DS-SS communication / code division multiple access + spread spectrum communication*
UF *frequency hop spread spectrum communication / code division multiple access + frequency hop communication + spread spectrum communication*
UF *pseudonoise coded communication / pseudonoise codes + spread spectrum communication*
PT radiocommunication
RT 3G mobile communication
Bluetooth
channel estimation
code division multiple access
code division multiplexing
frequency hop communication
Gold codes
Hadamard codes
m-sequences

mobile radio
multiuser detection
optical communication
orthogonal codes
pseudonoise codes
radiocommunication
ultra wideband communication
DEU Bandspreizkommunikation
DSY Bandspreiztechnik
Spread-Spectrum-Kommunikation
Spread-Spectrum-Technik
Spreizbandkommunikation
Spreizbandtechnik
Spreizspektrumkommunikation
Spreizspektrumtechnik

spread spectrum radar
BT radar
SY *frequency hop radar*
PN coded radar
UF *pseudonoise coded radar / pseudonoise codes + spread spectrum radar*
RT electronic countermeasures
DEU Breitspektrenradar

Spread-Spectrum-Kommunikation
DUS für spread spectrum communication

Spread-Spectrum-Technik
DUS für spread spectrum communication

spreading
USE wetting

spreadsheet programs
BT administrative data processing
PT administrative data processing
RT corporate modelling
financial data processing
office automation
DEU Tabellenkalkulationsprogramm
DSY Tabellenkalkulationssoftware

Sprechen
DEU for speech

Spreizbandkommunikation
DUS für spread spectrum communication

Spreizbandtechnik
DUS für spread spectrum communication

Spreizspektrumkommunikation
DUS für spread spectrum communication

Spreizspektrumtechnik
DUS für spread spectrum communication

Sprengstoff
DUS für explosives

Sprengstoff-aktivierte Ausrüstung
DUS für explosive actuated equipment

Sprengstoffdetektion
DUS für explosive detection

Sprengstoffmarkierung
DUS für explosive detection

Sprengstoffmaskierung
DUS für explosive detection

Sprengstoffnachweis
DUS für explosive detection

Sprengung
DUS für detonation

springs (mechanical)
BT mechanical products
RT deployable structures
shock absorbers
suspensions (mechanical components)
wires (general)
DEU Feder (mechanisch)

Sprite
DUS für sprites

sprites
BT upper atmosphere
SY *blue jets*
ELVES
PT upper atmosphere
RT atmospheric electricity
atmospheric radiation
ionospheric disturbances
thunderstorms
DEU Kobold (Leuchterscheinung)
DSY Sprite

Spritzen
DEU for spraying

Spritzgießausrüstung
DUS für moulding equipment

Spritzgießen
DUS für die casting
moulding

Spritzgießverfahren
DEU for injection moulding

Spritzguss
DUS für die casting
moulding

Spritzgussausrüstung
DUS für moulding equipment

Spritzpressen
DUS für moulding

Spritzpressen
DEU for transfer moulding

sprockets
BT mechanical products
RT chains
drives
gears
wheels
DEU Kettenrad

Sprödbruch
DEU for brittle fracture

Sprödigkeit
DEU for brittleness

Sprühbeschichtung
DEU for spray coatings

Sprühüberzug
DUS für spray coatings

Sprungantwort
DEU for step response

SPS
USE solar power satellites

Spule
DUS für coils

spur gears
USE gears

spurions
USE elementary particles

Spurkranz
DUS für flanges

Spurverfolgung
DEU for tracking

sputter deposited coatings
USE sputtered coatings

sputter deposition
BT sputtering
vapour deposition
SY *DC sputter deposition*
diode sputter deposition
magnetron sputter deposition
radiofrequency sputter deposition
reactive sputter deposition
RF sputter deposition
triode sputter deposition
PT diode sputtering
radiofrequency sputtering
reactive sputtering
sputtering
triode sputtering
RT ion beam assisted deposition
ion plating
sputtered coatings
DEU Sputterabscheidung

sputter etching
BT etching
sputtering
UF *FIB etching / focused ion beam technology + sputter etching*
UF *focused ion beam etching / focused ion beam technology + sputter etching*
SY *ion etching*
plasma ashing
plasma etching
reactive ion etching
reactive sputter etching
RIE
PT etching
sputtering
RT microfabrication
plasma materials processing
DEU Ionenstrahlätzen
DSY Sputterätzen

Sputterabscheidung
DEU for sputter deposition

Sputterätzen
DUS für sputter etching

sputtered coatings
BT vapour deposited coatings
SY *DC sputtered coatings*
diode sputtered coatings
magnetron sputtered coatings
radiofrequency sputtered coatings
reactively sputtered coatings
RF sputtered coatings

sputter deposited coatings
sputtered layers
triode sputtered coatings
PT films
sputtering
thin films
RT sputter deposition
thin films
DEU Sputterüberzug

sputtered layers
USE sputtered coatings

sputtering
BT surface collisions
NT sputter deposition
sputter etching
SY *cathodic sputtering*
DC sputtering
diode sputtering
magnetron sputtering
radiofrequency sputtering
reactive sputtering
RF sputtering
triode sputtering
RT atom-surface impact
ion beam applications
ion plating
ion-surface impact
molecule-surface impact
DEU Sputtern
DSY Sputtertechnik

Sputtern
DEU for sputtering

Sputtertechnik
DUS für sputtering

Sputterüberzug
DEU for sputtered coatings

SQL
BT query languages
SY *Structured Query Language*
PT query languages
RT relational databases
DEU SQL (Search Query Language)
DSY SQL (Suchfragensprache)

SQL (Search Query Language)
DEU for SQL

SQL (Suchfragensprache)
DUS für SQL

square-wave generators
BT waveform generators
RT multivibrators
signal generators
DEU Rechteckgenerator
DSY Rechteckwellengenerator

squareness (magnetism)
USE magnetic hysteresis

squeeze casting
BT die casting
forging
SY *liquid metal forging*
PT die casting
RT dies (machine tools)
permanent mould casting
DEU Stranggießen

squeezed light
USE optical squeezing

squeezed states, optical
USE optical squeezing

SQUID magnetometers
BT magnetometers
SQUIDs
PT magnetometers
SQUIDs
RT biomagnetism
magnetic sensors
SQUID magnetometry
DEU SQUID-Magnetometer
DSY supraleitendes
Quantenmagnetometer

SQUID magnetometry
BT magnetometry
SQUIDs
RT biomedical MRI
magnetocardiography
magnetoencephalography
SQUID magnetometers
DEU SOUID-Magnetometrie

SQUID-Magnetometer
DEU for SQUID magnetometers

SQUIDs
BT quantum interference devices
superconducting junction devices
NT SQUID magnetometers
SQUID magnetometry
SY *quantum interference devices, superconducting*
superconducting quantum interference devices

PT superconducting junction devices
RT Josephson effect
magnetometers
superconducting integrated circuits
DEU SQUIDs (Superconducting Quantum Interference Device)
DSY supraleitendes Quanteninterferenzbauelement

SQUIDs (Superconducting Quantum Interference Device)
DEU for SQUIDs

squirrel cage motors
BT induction motors
PT induction motors
DEU Kurzschlussläufermotor

Sr (chemical element)
USE strontium
DEU Sr (chemisches Element)

Sr (chemisches Element)
DEU for Sr (chemical element)

SR stars
USE giant stars
\+ variable stars

SRab stars
USE giant stars
\+ variable stars

SRAM chips
BT integrated memory circuits
random-access storage
SY *static RAM*
PT integrated memory circuits
random-access storage
RT BiCMOS memory circuits
bipolar memory circuits
buffer storage
CMOS memory circuits
field effect memory circuits
MOS memory circuits
DEU SRAM-Chip

SRAM-Chip
DEU for SRAM chips

SRc stars
USE supergiant stars
\+ variable stars

SRd stars
USE supergiant stars
\+ variable stars

SREMP
USE electromagnetic pulse

SRM drives
USE reluctance motor drives

SS Cyg stars
USE dwarf novae

SS-TDMA
USE time division multiple access

SSNTD
USE solid-state nuclear track detectors

staatliche Datenverarbeitung
DUS für government data processing

Stab (Kabel)
DUS für poles and towers

Stab (Werkstück)
DEU for bars

stabilisation
USE stability

stabilisers
USE controllers

Stabilität
DUS für stability

Stabilitätskriterium
DEU for stability criteria

stability
NT absolute stability
asymptotic stability
Bode diagrams
circuit stability
flow instability
frequency stability
input-output stability
laser stability
mechanical stability
numerical stability
Nyquist diagrams
Nyquist stability
particle beam stability
plasma instability
power system stability
robust control
Routh methods

thermal stability
SY *dynamic stability*
instability
UF *robust stability / robust control + stability*
UF *robustness / robust control + stability*
SY *stabilisation*
stabilization
transient stability
RT bifurcation
control systems
control theory
controllability
damping
fault tolerant control
limit cycles
Lyapunov methods
machine control
machine vector control
observability
oscillations
predator-prey systems
reduced order systems
stability criteria
transient response
uncertain systems
DEU Beständigkeit
DSY Stabilität

stability criteria
NT Nyquist criterion
Popov criterion
RT Bode diagrams
limit cycles
Nyquist diagrams
root loci
stability
DEU Stabilitätskriterium

stability of numerical methods
USE numerical stability

stabilization
USE stability

stabilizers
USE controllers

Stabziehen
DEU for bar drawing

stack filters
BT filters
PT digital filters
filtering theory
RT Boolean functions
digital filters
filtering theory
nonlinear filters
DEU Stack-Filter
DSY Stapelfilter

Stack-Filter
DEU for stack filters

stacking
BT materials handling
RT storage
DEU Stapeln
DSY Stapler

stacking faults
BT crystal defects
PT crystal defects
RT dislocations
extended defects
vacancy condensation loops
DEU Stapelfehler

Stadt- und Umlandplanung
DEU for town and country planning

Staebler-Wronski effect
PT photoconductivity
radiation effects
RT photoconductivity
radiation effects
DEU Staebler-Wronski-Effekt

Staebler-Wronski-Effekt
DEU for Staebler-Wronski effect

städtisches Abwasser
DUS für wastewater

ständige Weitebildung
DUS für continuing education

staff
USE personnel

stagnation flow
BT flow
DEU Stagnationsfluss

Stagnationsfluss
DEU for stagnation flow

Stahl
DEU for steel

Stahldrahtrolle
DUS für coils

Stahlherstellung
DEU for steel manufacture

Stahlindustrie
DEU for steel industry

stainless steel
BT steel
NT austenitic stainless steel
PT steel
DEU nichtrostender Stahl

stakeholder pensions
USE pensions

Stamm
DUS für strain

stamping (metals)
USE metal stamping

Stand-by-Generator
DEU for standby generators

Standard
DUS für standards

standard cells
USE cellular arrays

standard conformance testing
USE conformance testing

standard model
BT unified gauge models
NT minimal supersymmetric standard model
PT unified field theories
RT elementary particle
electromagnetic interactions
elementary particle weak interactions
models beyond standard model
quantum chromodynamics
DEU Standardmodell

standardisation
SY *standardization*
RT calibration
certification
code standards
IEC standards
production control
quality control
reliability
standards
DEU Normung
DSY Standardisierung

Standardisierung
DUS für standardisation

standardization
USE standardisation

Standardmodell
DEU for standard model

standards
NT ANSI standards
BSI standards
building standards
CAMAC
code standards
IEC standards
IEEE standards
ISO standards
measurement standards
military standards
software standards
telecommunication standards
SY *CCIR standards*
industrial standards
references (standards)
RT calibration
certification
conformance testing
constants
electrical installation
electronic data interchange
inspection
Internet of Things
open systems
production control
protocols
qualifications
quality control
reliability
software portability
standardisation
units (measurement)
Web services
DEU Norm
DSY Standard

standby generators
BT electric generators
SY *emergency power generators*
PT electric generators
RT diesel-electric generators
emergency power supply
gas turbines
internal combustion engines
DEU Stand-by-Generator

standby power supply
USE emergency power supply
DEU Notstromversorgungsanlage

standing wave meters
BT indicators
metering
meters
RT bolometers
field strength measurement
high-frequency transmission line measurement
impedance matching
power meters
DEU Stehwellenmesser

Standversuch
DUS für creep testing

Stange (Form)
DEU for rods (structures)

Stange (Kabel)
DUS für poles and towers

Stange (Struktur)
DUS für rods (structures)

Stanzautomat
DUS für presses

Stanzen
DEU for punching

Stanzpresse
DUS für presses

STAP
USE space-time adaptive processing

Stapelautomat (Automatentheorie)
DUS für pushdown automata

Stapelfehler
DEU for stacking faults

Stapelfilter
DUS für stack filters

Stapeln
DEU for stacking

Stapelverarbeitung (Computer)
DEU for batch processing (computers)

Stapler
DUS für stacking

stapling
BT joining processes
RT fasteners
DEU Heften

star associations
SY *stellar associations*
PT stellar clusters and associations
RT star clusters
stars
DEU offener Sternhaufen
DSY Sternassoziation
Sternverbindung

star clusters
NT globular star clusters
SY *clusters, stellar*
open star clusters
stellar clusters
PT stellar clusters and associations
RT N-body simulations (astronomical)
star associations
stars
DEU Sternenhaufen

star formation
UF *protostellar clouds / nebulae + star formation*
SY *stellar formation*
UF *stellar origin / star formation + stellar evolution*
PT stellar evolution
RT extrasolar planetary formation
gravitational collapse
pre-main-sequence stars
stars
stellar evolution
DEU Sternenanordnung
DSY Sternenformation

star trackers
BT image sensors
PT image sensors
RT aerospace control
aerospace instrumentation
artificial satellites
attitude control
attitude measurement
CCD image sensors
optical sensors
space vehicles
DEU Sternenbeobachter

starburst galaxies
USE active galaxies

Stark broadening
USE spectral line broadening
+ Stark effect

Stark effect
BT electro-optical effects
spectral line breadth
NT quantum confined Stark effect
SY *Autler-Townes effect*
UF *Stark broadening / spectral line broadening + Stark effect*
RT multiphoton processes
spectral line shift
two-photon processes
DEU Stark-Effekt

stark gekoppelter Supraleiter
DEU for strong-coupling superconductors

Stark-Effekt
DEU for Stark effect

Starkbindungsberechnung
DUS für tight-binding calculations

Starkbindungskalkulation
DUS für tight-binding calculations

starke Wechselwirkung von Elementarpartikeln
DEU for elementary particle strong interactions

starke Wechselwirkung von Elementarteilchen
DUS für elementary particle strong interactions

Starkstromfreileitung
DEU for power overhead lines

Starkstromkabel
DEU for power cables

stars
NT brown dwarfs
chemically peculiar stars
dwarf stars
giant stars
magnetic stars
multiple stars
neutron stars
pulsars
supergiant stars
supernovae
variable stars
white dwarfs
Wolf-Rayet stars
SY *blue stragglers*
UF *cocoon stars / circumstellar matter + stars*
UF *GGD objects / nebulae + stars*
SY *main sequence stars*
UF *Of ring nebulae / circumstellar matter + nebulae + stars + stellar winds*
UF *OH Type I sources / astronomical masers + H II regions + infrared sources (astronomical) + radiosources (astronomical) + stars*
UF *planetary nebulae nuclei / planetary nebulae + stars*
UF *Population III stars / cosmology + stars*
RT astronomy
black holes
circumstellar matter
gravitational lenses
radiosources (astronomical)
rotating bodies
star associations
star clusters
star formation
stellar atmospheres
stellar composition
stellar dimensions
stellar dynamics
stellar evolution
stellar internal processes
stellar magnetism
stellar mass
stellar models
stellar motion
stellar photometry
stellar polarimetry
stellar pulsations
stellar radiation
stellar rotation
stellar spectra
stellar structure
stellar winds
DEU Stern

starspots
USE stellar atmospheres

Starten des Computers
DUS für computer bootstrapping

Starter (Automobil)
DEU for starting

starter motors (automotive)
USE automotive components
\+ DC motors
\+ starting

starters
USE starting

starting
UF *starter motors (automotive) / automotive components + DC motors + starting*
SY *starters*
RT actuators
exciters
ignition
internal combustion engines
DEU Starter (Automobil)

STATCOM
USE static VAr compensators

state assignment
BT switching functions
PT switching functions
RT minimisation of switching nets
DEU Statuszuweisung

state estimation
BT identification
NT observers
power system state estimation
PT identification
RT estimation theory
nonlinear estimation
phase estimation
prediction theory
reduced order systems
DEU Zustandsschätzung

state feedback
BT feedback
PT feedback
DEU Statusrückkopplung
DSY Zustandsrückkopplung

state machines
USE finite state machines

state of the art studies
USE reviews

state pensions
USE pensions

state-space methods
BT control theory
mathematics
RT control system analysis
control system synthesis
controllability
network analysis
network synthesis
observability
parameter space methods
realisation theory
DEU Zustandsraummethode

static (atmospherics)
USE atmospherics

static analysis (programs)
USE program diagnostics

static electricity
USE electrostatics

static electrification
BT electrostatics
NT surface charging
SY *electrification, static*
PT electrostatics
RT charge injection
electrostatic discharge
spacecraft charging
triboelectricity
DEU elektrostatische Aufladung

static friction
USE stiction

static induction transistors
BT field effect transistors
SY *SIT*
PT field effect transistors
RT power field effect transistors
DEU statischer Induktionstransistor

static RAM
USE SRAM chips

static reactive power compensators
USE static VAr compensators

static VAr compensators
BT power factor correction
SY *STATCOM*
static reactive power compensators
synchronous static compensators

PT compensation
power factor correction
reactive power
RT capacitor storage
compensation
power capacitors
reactive power
reactive power control
thyristor applications
DEU statischer VAr-Kompensator

statics
BT mechanics
NT hydrostatics
PT mechanics
DEU Statik

Statik
DEU for statics

stationery
USE computer stationery

stations, power
USE power stations

stations, radio
USE radio stations

stations, television
USE television stations

statische Reibung
DEU for stiction

statischer Druck
DUS für pressure

statischer Induktionstransistor
DEU for static induction transistors

statischer VAr-Kompensator
DEU for static VAr compensators

statistical analysis
BT statistics
NT covariance analysis
design of experiments
higher order statistics
independent component analysis
maximum likelihood estimation
Pareto analysis
principal component analysis
regression analysis
sampling methods
statistical databases
statistical testing
SY *ANOVA (analysis of variance)*
UF *bootstrap models / bootstrapping + statistical analysis*
UF *bootstrap theory / bootstrapping + statistical analysis*
SY *bootstrapping (statistics)*
UF *bootstraps / bootstrapping + statistical analysis*
UF *cluster analysis / pattern clustering + statistical analysis*
UF *kriging / geophysical techniques + statistical analysis*
SY *statistical methods*
statistical theory
RT binomial distribution
blind source separation
correlation methods
correlation theory
demography
exponential distribution
feature selection
gamma distribution
Gaussian distribution
log normal distribution
measurement errors
normal distribution
Pareto distribution
Poisson distribution
probability
quality control
queueing theory
random processes
reliability
reliability theory
source separation
statistical distributions
statistical models (nuclear)
statistical process control
tolerance analysis
Weibull distribution
Wigner distribution
DEU statistisches Verfahren

statistical databases
BT database management systems
statistical analysis
PT database management systems
statistical analysis
DEU Statistikdatenbank

statistical design of experiments
USE design of experiments

statistical distributions
BT probability
statistics
NT binomial distribution
exponential distribution
gamma distribution

Gaussian distribution
log normal distribution
normal distribution
Pareto distribution
Poisson distribution
Weibull distribution
Wigner distribution
SY *distributions, statistical*
PT statistical analysis
statistics
RT mixture models
statistical analysis
DEU statistische Verteilung

statistical linguistics
USE computational linguistics

statistical mechanics
BT mechanics
NT quantum statistical mechanics
SY *ergodic theorem*
UF *hard-sphere fluids / liquid theory + statistical mechanics*
SY *many-particle systems*
Maxwell-Boltzmann distribution
UF *statistical thermodynamics / statistical mechanics + thermodynamics*
RT Boltzmann equation
classical mechanics
electron gas
Fokker-Planck equation
kinetic theory
lattice gas
lattice theory
Liouville equation
liquid theory
many-body problems
master equation
Potts model
quantum theory
renormalisation
statistics
thermodynamics
Toda lattice
transport processes
DEU statistisches Mechanik

statistical methods
USE statistical analysis

statistical models (elementary particles)
BT elementary particle interaction models
NT Feynman gas model
fireball model (elementary particles)
hydrodynamic model (elementary particles)
UF *statistical models / statistical models (elementary particles) + statistical models (nuclear)*
PT statistical models
DEU statistisches Modell (Elementarpartikel)
DSY statistisches Modell (Elementarteilchen)

statistical models (nuclear)
BT nuclear reaction theory
NT evaporation model
fireball model (nuclear)
Hauser-Feshbach theory
nuclear exciton model
precompound nucleus emission
SY *fluctuations of cross sections*
UF *statistical models / statistical models (elementary particles) + statistical models (nuclear)*
PT statistical theory of nuclear reactions and scattering
RT statistical analysis
DEU statistisches Modell (Kerntechnik)

statistical models
USE statistical models (elementary particles)
\+ statistical models (nuclear)

statistical multiplexers
USE multiplexing equipment

statistical multiplexing
BT multiplexing
PT multiplexing
RT asynchronous transfer mode
packet switching
quality of service
telecommunication congestion control
telecommunication traffic
DEU statistisches Multiplex

statistical process control
BT process control
PT process control
RT computerised monitoring
control charts
design of experiments
manufacturing data processing
principal component analysis
process capability analysis
production control
quality control
six sigma (quality)

statistical analysis
DEU statistische Prozessregelung
DSY statistische Prozesssteuerung

statistical testing
BT statistical analysis
testing
PT statistical analysis
RT probability
time series
DEU statistische Prüfung
DSY statistischer Test

statistical theory
USE statistical analysis

statistical thermodynamics
USE statistical mechanics
\+ thermodynamics
DEU statistische Thermodynamik

statistics
BT mathematics
NT decision theory
error statistics
game theory
lattice theory
mixture models
Monte Carlo methods
nonparametric statistics
random number generation
statistical analysis
statistical distributions
time series
RT Bayes methods
binomial distribution
exponential distribution
gamma distribution
Gaussian distribution
information theory
log normal distribution
normal distribution
operations research
Poisson distribution
probability
queueing theory
random functions
random processes
scheduling
statistical mechanics
Weibull distribution
Wigner distribution
DEU Statistik

Statistik
DEU for statistics

Statistik höherer Ordnung
DEU for higher order statistics

Statistikdatenbank
DEU for statistical databases

statistische Mittelwertbildung
DUS für moving average processes

statistische Prozessregelung
DEU for statistical process control

statistische Prozesssteuerung
DUS für statistical process control

statistische Prüfung
DEU for statistical testing

statistische Thermodynamik
DEU for statistical thermodynamics

statistische Verteilung
DEU for statistical distributions

statistischer Test
DUS für statistical testing

statistisches Mechanik
DEU for statistical mechanics

statistisches Modell (Elementarpartikel)
DEU for statistical models (elementary particles)

statistisches Modell (Elementarteilchen)
DUS für statistical models (elementary particles)

statistisches Modell (Kerntechnik)
DEU for statistical models (nuclear)

statistisches Multiplex
DEU for statistical multiplexing

statistisches Verfahren
DEU for statistical analysis

Stator
DEU for stators

stators
BT machine windings
PT machine windings
RT AC generators
AC machines
AC motors
cores
electric machines

machine protection
rotors
DEU Stator

Statshaushaltsdatenverarbeitung
DUS für budgeting data processing

Statusrückkopplung
DEU for state feedback

Statuszuweisung
DEU for state assignment

Staub
DUS für dust

Staubablagerung
DEU for dust accretion

staubförmiges Plasma
DEU for dusty plasmas

Stauchen
DUS für pressing

Stauchpresse
DUS für presses

Staudruck
DUS für pressure

STD bus
USE system buses

steady-state theory
USE cosmology

stealth vehicles
USE military vehicles

steam
BT hydrogen compounds
RT boilers
steam engines
steam plants
steam reforming
water
DEU Dampf

steam boilers
USE boilers

steam engines
BT heat engines
PT heat engines
RT boilers
compound engines
locomotives
railway rolling stock
Rankine cycle
steam
steam turbines
DEU Dampfmaschine

steam generators
USE boilers

steam methane reforming
USE steam reforming

steam plants
NT condensers (steam plant)
RT boilers
Rankine cycle
steam
steam power stations
steam turbines
DEU Dampfanlage
DSY Dampfkraftwerk

steam power stations
BT thermal power stations
RT Rankine cycle
steam plants
steam turbines
DEU Dampfkraftwerk

steam reforming
BT fuel gasification
SY *steam methane reforming*
RT bioenergy conversion
catalysis
fuel cells
fuel processing industries
hydrogen production
natural gas technology
steam
syngas
water gas shift
DEU Dampfreformierung

steam turbine-gas turbine power stations
USE combined cycle power stations

steam turbines
BT turbines
RT boilers
combined cycle power stations
Rankine cycle
steam engines
steam plants
steam power stations
turbogenerators
DEU Dampfturbine

STEbus
USE system buses

steel
BT iron alloys
NT alloy steel
austenitic steel
carbon steel
martensitic steel
stainless steel
tool steel
SY *bainitic steel*
ferritic steel
pearlitic steel
rimming steel
RT blooming mills
pressure vessels
rebar
steel manufacture
DEU Stahl

steel furnaces
USE furnaces
+ steel manufacture

steel industry
BT metallurgical industries
PT metallurgical industries
RT pickling (materials processing)
rolling mills
smelting
steel manufacture
DEU Stahlindustrie

steel manufacture
BT manufacture
UF *steel furnaces / furnaces + steel manufacture*
RT blast furnaces
blooming mills
ingots
manufacturing processes
rolling mills
steel
steel industry
DEU Stahlherstellung

steepest descent methods
USE gradient methods

steering systems
BT mechanical products
RT automotive components
wheels
DEU Führungssystem

Stefan problem
USE heat transfer

Steganografie
DEU for steganography

Steganographie
DUS für steganography

steganography
BT data encapsulation
PT cryptography
data encapsulation
RT cryptography
data compression
image coding
image watermarking
security of data
watermarking
DEU Steganografie
DSY Steganographie

Stehwellenmesser
DEU for standing wave meters

Steine- und Erdenindustrie
DUS für mineral processing industry

Steinkohlenteer
DEU for coal tar

stellar accretion disks
USE accretion disks

stellar age
USE stellar evolution

stellar associations
USE star associations

stellar atmospheres
NT solar atmosphere
SY *atmospheres, stellar*
UF *curve of growth analysis / stellar atmospheres + stellar composition + stellar spectra*
SY *starspots*
stellar chromospheres
stellar coronae
UF *stellar magnetospheres / stellar atmospheres + stellar magnetism*
SY *stellar photospheres*
PT stars
RT circumstellar matter
extrasolar planetary atmospheres
radiative transfer
stars
stellar structure

stellar winds
DEU Sternatmosphäre
DSY Sternenatmosphäre

stellar binaries
USE binary stars

stellar chromospheres
USE stellar atmospheres

stellar clusters
USE star clusters

stellar composition
NT solar composition
UF *curve of growth analysis / stellar atmospheres + stellar composition + stellar spectra*
RT extrasolar planetary composition
stars
DEU Sternenzusammensetzung
DSY Sternzusammensetzung

stellar coronae
USE stellar atmospheres

stellar diameter
USE stellar dimensions
\+ stellar pulsations

stellar dimensions
UF *stellar diameter / stellar dimensions + stellar pulsations*
UF *stellar radius / stellar dimensions + stellar pulsations*
SY *stellar size*
PT stars
RT extrasolar planetary dimensions
occultations
stars
stellar mass
stellar pulsations
stellar rotation
DEU stellare Dimension
DSY Sterndimension
Sternendimension
Sternengröße

stellar dynamics
UF *orbits (stellar) / stellar dynamics + stellar motion*
PT galaxies
globular star clusters
stellar motion
RT celestial mechanics
galaxies
globular star clusters
N-body simulations (astronomical)
stars
stellar motion
DEU stellare Dynamik
DSY Sternensystemdynamik
Sternsystemdynamik

stellar evolution
NT solar evolution
SY *Hertzsprung-Russell diagram*
stellar age
UF *stellar origin / star formation + stellar evolution*
RT star formation
stars
stellar internal processes
stellar mass
DEU Sternenentwicklung
DSY Sternentwicklung

stellar flares
USE stellar radiation

stellar formation
USE star formation

stellar interiors
USE stellar internal processes

stellar internal processes
SY *stellar interiors*
PT stars
RT nucleosynthesis
solar interior
stars
stellar evolution
DEU stellarer interner Prozess
DSY sterneninterner Prozess
sterninterner Prozess

stellar light curves
USE stellar photometry
\+ stellar radiation

stellar luminosity
USE stellar radiation

stellar magnetism
BT magnetism
NT solar magnetism
UF *stellar magnetospheres / stellar atmospheres + stellar magnetism*
RT astrophysical magnetic fields
stars
stellar polarimetry
DEU stellarer Magnetismus
DSY Sternenmagnetismus
Sternmagnetismus

stellar magnetospheres
USE stellar atmospheres
\+ stellar magnetism

stellar mass
PT stars
RT extrasolar planetary mass
stars
stellar dimensions
stellar evolution
DEU stellare Masse
DSY Sternenmasse
Sternmasse

stellar models
PT stars
RT stars
stellar structure
DEU stellares Modell
DSY Sternenmodell
Sternmodel

stellar motion
UF *orbits (stellar) / stellar dynamics + stellar motion*
SY *proper motion*
PT celestial mechanics
stars
RT astrometry
extrasolar planetary motion
stars
stellar dynamics
DEU stellare Bewegung
DSY Sternbewegung
Sternenbewegung

stellar multicolour photometry
USE stellar photometry

stellar origin
USE star formation
\+ stellar evolution

stellar oscillations
USE stellar pulsations

stellar parallax
USE astrometry

stellar photometry
BT astronomical photometry
UF *stellar light curves / stellar photometry + stellar radiation*
SY *stellar multicolour photometry*
UF *stellar spectrophotometry / stellar photometry + stellar spectra*
PT photometry
stars
RT stars
stellar polarimetry
stellar radiation
stellar spectra
DEU stellare Fotometrie
DSY stellare Photometrie
Sternenfotometrie
Sternenphotometrie
Sternfotometrie
Sternphotometrie

stellar photospheres
USE stellar atmospheres

stellar polarimetry
BT astronomical polarimetry
NT solar polarimetry
PT polarimetry
RT stars
stellar magnetism
stellar photometry
stellar radiation
stellar spectra
DEU stellare Polarimetrie
DSY Sternenpolarimetrie
Sternpolarimetrie

stellar positions
USE astrometry

stellar pulsations
NT solar pulsations
SY *asteroseismology*
UF *Blazhko effect / stellar pulsations + variable stars*
UF *stellar diameter / stellar dimensions + stellar pulsations*
SY *stellar oscillations*
UF *stellar radius / stellar dimensions + stellar pulsations*
PT stellar dimensions
stellar structure
RT stars
stellar dimensions
stellar structure
DEU pulsationsveränderlicher Stern
DSY pulsierender Stern
Sternenpulsation
Sternpulsation

stellar radiation
BT radiation
NT quasi-periodic oscillations (astronomical)
solar radiation
SY *stellar flares*
UF *stellar light curves / stellar photometry + stellar radiation*

SY *stellar luminosity*
RT stars
stellar photometry
stellar polarimetry
DEU stellare Strahlung
DSY Sternenstrahlung
Sternstrahlung

stellar radius
USE stellar dimensions
+ stellar pulsations

stellar rotation
BT rotation
NT solar rotation
SY *spin (stars)*
stellar spin
PT rotation
stars
RT stars
stellar dimensions
DEU stellare Rotation
DSY Sternenrotation
Sternrotation

stellar size
USE stellar dimensions

stellar spectra
BT astronomical spectra
NT solar spectra
UF *curve of growth analysis / stellar atmospheres + stellar composition + stellar spectra*
UF *stellar spectrophotometry / stellar photometry + stellar spectra*
RT extrasolar planetary spectra
stars
stellar photometry
stellar polarimetry
DEU stellares Spektrum
DSY Sternenspektrum
Sternspektrum

stellar spectrophotometry
USE stellar photometry
+ stellar spectra

stellar spin
USE stellar rotation

stellar structure
NT solar interior
RT stars
stellar atmospheres
stellar models
stellar pulsations
DEU stellare Struktur
DSY stellarer Aufbau
Sternaufbau
Sternenaufbau

stellar variables
USE variable stars

stellar winds
NT solar wind
UF *biconical nebulae / circumstellar matter + infrared sources (astronomical) + nebulae + stellar winds*
UF *bipolar nebulae / astrophysical jets + circumstellar matter + infrared sources (astronomical) + nebulae + stellar winds*
UF *Of ring nebulae / circumstellar matter + nebulae + stars + stellar winds*
UF *Wolf-Rayet ring nebulae / circumstellar matter + nebulae + stellar winds + Wolf-Rayet stars*
PT stellar atmospheres
RT astrophysical jets
circumstellar matter
stars
stellar atmospheres
DEU stellarer Wind
DSY Sternenwind
Sternwind

Stellarator
DEU for stellarators

stellarators
BT plasma devices
SY *heliotrons*
PT plasma devices
RT pinch effect
plasma confinement
plasma diagnostics
plasma toroidal confinement
DEU Stellarator

stellare Bewegung
DEU for stellar motion

stellare Dimension
DEU for stellar dimensions

stellare Dynamik
DEU for stellar dynamics

stellare Fotometrie
DEU for stellar photometry

stellare Masse
DEU for stellar mass

stellare Photometrie
DUS für stellar photometry

stellare Polarimetrie
DEU for stellar polarimetry

stellare Rotation
DEU for stellar rotation

stellare Strahlung
DEU for stellar radiation

stellare Struktur
DEU for stellar structure

stellarer Aufbau
DUS für stellar structure

stellarer interner Prozess
DEU for stellar internal processes

stellarer Magnetismus
DEU for stellar magnetism

stellarer Wind
DEU for stellar winds

stellares Modell
DEU for stellar models

stellares Spektrum
DEU for stellar spectra

Stellenbeschreibung
DEU for job specification

Stellerator (Plasmareaktor)
DUS für stellerator devices

stellerator devices
BT nuclear fusions reactors
plasma devices
DEU Plasmafusionsreaktor
DSY Stellerator (Plasmareaktor)

Stellmagnet
DUS für electromagnetic actuators

STEM
USE scanning-transmission electron microscopy

Stent (medizinisch)
DEU for stents

stents
BT prosthetics
PT prosthetics
RT biomedical materials
blood vessels
catheters
DEU Stent (medizinisch)

step motors
USE stepping motors

step response
RT control system analysis
control system synthesis
identification
modelling
transient response
DEU Sprungantwort

step-recovery diodes
USE charge storage diodes

Stepanov method
USE crystal growth from melt

stepped motors
USE stepping motors

stepping motors
BT electric motors
SY *pulse motors*
step motors
stepped motors
DEU Schrittmotor

stereo amplifiers
USE audio-frequency amplifiers

stereo displays
USE three-dimensional displays

stereo equipment
USE Hi-Fi equipment

stereo image processing
BT image processing
UF *stereo vision / stereo image processing + visual perception*
UF *stereoscopy / stereo image processing + visual perception*
PT computerised picture processing
picture processing
RT computer vision
robot vision
three-dimensional displays

DEU Stereobildverarbeitung

stereo vision
USE stereo image processing
+ visual perception

Stereobildverarbeitung
DEU for stereo image processing

stereoisomerism
USE isomerism

Stereolithografie
DEU for stereolithography

Stereolithographie
DUS für stereolithography

stereolithography
BT lithography
PT lithography
photolithography
rapid prototyping (industrial)
RT laminated object manufacturing
laser sintering
layered manufacturing
rapid prototyping (industrial)
DEU Stereolithografie
DSY Stereolithographie

stereopsis
USE visual perception

stereoscopy
USE stereo image processing
+ visual perception

sterilisation (microbiological)
BT biological techniques
RT antibacterial activity
beverages
biomedical equipment
biomedical materials
biotechnology
cleaning
food technology
health and safety
medical supplies
microorganisms
ozonation (materials processing)
pharmaceutical technology
plasma applications
water treatment
DEU mikrobiologische Sterilisation
DSY Sterilisation (mikrobiologisch)

Sterilisation (mikrobiologisch)
DUS für sterilisation (microbiological)

Stern
DEU for stars

Sternassoziation
DUS für star associations

Sternatmosphäre
DEU for stellar atmospheres

Sternaufbau
DUS für stellar structure

Sternbewegung
DUS für stellar motion

Sterndimension
DUS für stellar dimensions

Sternenanordnung
DEU for star formation

Sternenatmosphäre
DUS für stellar atmospheres

Sternenaufbau
DUS für stellar structure

Sternenbeobachter
DEU for star trackers

Sternenbewegung
DUS für stellar motion

Sternencluster und -assoziationen
DEU for stellar clusters and associations

Sternendimension
DUS für stellar dimensions

Sternenentwicklung
DEU for stellar evolution

Sternenformation
DUS für star formation

Sternenfotometrie
DUS für stellar photometry

Sternengröße
DUS für stellar dimensions

Sternenhaufen
DEU for star clusters

sterneninterner Prozess
DUS für stellar internal processes

Sternenmagnetismus
DUS für stellar magnetism

Sternenmasse
DUS für stellar mass

Sternenmodell
DUS für stellar models

Sternenphotometrie
DUS für stellar photometry

Sternenpolarimetrie
DUS für stellar polarimetry

Sternenpulsation
DUS für stellar pulsations

Sternenrotation
DUS für stellar rotation

Sternenspektrum
DUS für stellar spectra

Sternenstrahlung
DUS für stellar radiation

Sternensystemdynamik
DUS für stellar dynamics

Sternentwicklung
DUS für stellar evolution

Sternenumgebungsmaterie
DEU for circumstellar matter

Sternenwind
DUS für stellar winds

Sternenzusammensetzung
DEU for stellar composition

Sternfotometrie
DUS für stellar photometry

Sternheimer shielding
USE dipole coupling
\+ quadrupole coupling
\+ spin-spin coupling

sterninterner Prozess
DUS für stellar internal processes

Sternmagnetismus
DUS für stellar magnetism

Sternmasse
DUS für stellar mass

Sternmodel
DUS für stellar models

Sternphotometrie
DUS für stellar photometry

Sternpolarimetrie
DUS für stellar polarimetry

Sternpulsation
DUS für stellar pulsations

Sternrotation
DUS für stellar rotation

Sternspektrum
DUS für stellar spectra

Sternstrahlung
DUS für stellar radiation

Sternsystemdynamik
DUS für stellar dynamics

Sternverbindung
DUS für star associations

Sternwarte
DUS für astronomical observatories

Sternwind
DUS für stellar winds

Sternzusammensetzung
DUS für stellar composition

Steueranlage
DUS für control facilities

Steuerdruck
DUS für pressure

Steuereinrichtung
DUS für control facilities

Steuererklärung
DEU for tax preparation

Steuersystem-CAD
DEU for control system CAD

Steuerung
DUS für control

Steuerung chemischer Größen
DEU for chemical variables control

Steuerung der Feuchtigkeit
DUS für humidity control

Steuerung der Winkelgeschwindigkeit
DUS für angular velocity control

Steuerung elektrischer Größen
DUS für electric variables control

Steuerung magnetischer Größen
DUS für magnetic variables control

Steuerung magnetischer Variablen
DUS für magnetic variables control

Steuerung mechanischer Größen
DUS für mechanical variables control

Steuerung mechanischer Variablen
DUS für mechanical variables control

Steuerung spezieller Größen
DUS für control of specific variables

Steuerung spezieller Variablen
DUS für control of specific variables

Steuerung thermischer Größen
DUS für thermal variables control

Steuerung thermischer Variabler
DUS für thermal variables control

Steuerung und Regelung akustischer Größen
DEU for acoustic variables control

Steuerung und Regelung spezieller Größen
DUS für control of specific variables

Steuerung und Regelung spezieller Variablen
DUS für control of specific variables

Steuerung und Regelung thermischer Größen
DUS für thermal variables control

Steuerungs- und Regelungssystem
DEU for control systems

Steuerungs- und Regelungssystemsynthese
DUS für control system synthesis

Steuerungs- und Regelungsverfahren
DEU for control engineering

Steuerungsalgorithmen für Multiprozessor
DUS für processor scheduling

Steuerungsausrüstung
DEU for control equipment

Steuerungsregeln
DUS für compliance control

Steuerungssystem
DEU for open loop systems

Steuerungssystemsynthese
DUS für control system synthesis

Steuerungstechnik
DUS für control equipment

steuerungstechnische Ausbildung
DUS für control engineering education

Steuerungstheorie
DUS für control theory

Steuerungsvorrichtung
DUS für control equipment

Steuervorbereitung
DUS für tax preparation

Steuerwesen
DEU for taxation

stibium
USE antimony

Stichprobenmethode
DEU for sampling methods

stick-slip
BT friction
SY *slip-stick*
PT sliding friction
stiction
RT braking
lubrication
machining chatter

mechanical contact
seizure
sliding friction
stiction
DEU Stick-Slip-Reibung

Stick-Slip-Reibung
DEU for stick-slip

Stickstoff
DEU for nitrogen

Stickstoffverbindung
DEU for nitrogen compounds

stiction
BT friction
SY *static friction*
PT friction
RT adhesion
lubrication
magnetic heads
magnetic recording
micromachining
sliding friction
stick-slip
DEU statische Reibung

stiffness constants
USE elastic constants

stimulated Brillouin scattering
BT Brillouin spectra
stimulated scattering
SY *stimulated Mandelstam-Brillouin scattering*
PT Brillouin spectra
nonlinear optics
DEU angeregte Brillouin-Streuung
DSY stimulierte Brillouin-Streuung

stimulated combination scattering
USE stimulated Raman scattering

stimulated emission
BT emission
RT electron beam pumping
laser theory
lasers
masers
multiphoton processes
optical pumping
photoexcitation
population inversion
quantum optics
spectra (general)
two-photon processes
DEU angeregte Emission

stimulated Mandelstam-Brillouin scattering
USE stimulated Brillouin scattering

stimulated Raman scattering
BT Raman spectra
stimulated scattering
NT coherent antiStokes Raman scattering
SY *stimulated combination scattering*
PT Raman spectra of inorganic substances
Raman spectra of organic substances
Raman spectra
RT Raman lasers
DEU angeregte Raman-Streuung
DSY stimulierte Raman-Streuung

stimulated Rayleigh scattering
USE Rayleigh scattering
\+ stimulated scattering

stimulated scattering
BT light scattering
nonlinear optics
NT stimulated Brillouin scattering
stimulated Raman scattering
UF *stimulated Rayleigh scattering / Rayleigh scattering + stimulated scattering*
PT light scattering
nonlinear optics
RT slow light
spectra (general)
DEU angeregte Streuung

stimulierte Brillouin-Streuung
DUS für stimulated Brillouin scattering

stimulierte Raman-Streuung
DUS für stimulated Raman scattering

Stirling engines
BT heat engines
PT heat engines
RT direct energy conversion
thermodynamic cycles
thermodynamics
DEU Stirlingmaschine
DSY Stirlingmotor

Stirlingmaschine
DEU for Stirling engines

Stirlingmotor
DUS für Stirling engines

stirred-mode chambers
USE reverberation chambers

STM
USE scanning tunnelling microscopy

STO calculations
BT orbital calculations
SY *Slater-type orbital calculations*
PT atomic orbitals calculations
molecular orbitals calculations
orbital calculation methods
DEU STO-Berechnung
DSY STO-Kalkulation

STO-Berechnung
DEU for STO calculations

STO-Kalkulation
DUS für STO calculations

stochastic automata
BT automata theory
PT automata theory
RT probabilistic automata
DEU stochastischer Automat

stochastic games
BT game theory
stochastic processes
PT game theory
stochastic processes
RT differential games
stochastic systems
DEU stochastisches Spiel
DSY Zufallsspiel

stochastic processes
NT autoregressive processes
Gaussian processes
Markov processes
moving average processes
stochastic games
SY *Laguerre processes*
martingales
Poisson processes
Wiener processes
PT random processes
RT decision theory
information theory
Monte Carlo methods
operations research
probability
queueing theory
random processes
stochastic systems
DEU stochastischer Prozess

stochastic programming
BT mathematical programming
PT mathematical programming
DEU stochastische Programmierung

stochastic systems
BT time-varying systems
PT time-varying systems
RT random processes
stochastic games
stochastic processes
DEU stochastisches System

stochastische Programmierung
DEU for stochastic programming

stochastischer Automat
DEU for stochastic automata

stochastischer Prozess
DEU for stochastic processes

stochastisches Spiel
DEU for stochastic games

stochastisches System
DEU for stochastic systems

stock control
BT inventory management
logistics
operations research
NT just-in-time
order processing
stock control data processing
work in progress
SY *inventory control*
reorder levels
RT demand forecasting
finished goods inventory
kanban
lot sizing
master production scheduling
production control
raw materials inventory
reverse logistics
supply chain management
DEU Lagersteuerung

stock control data processing
BT distributive data processing
stock control
PT distributive administrative data processing
stock control
DEU Lagerdatenverarbeitung

stock cutting
USE bin packing

stock exchanges
USE stock markets

stock markets
BT finance
NT commodity trading
foreign exchange trading
securities trading
SY *financial markets*
stock exchanges
PT finance
RT econophysics
electronic trading
financial data processing
share prices
DEU Wertpapierbörse

Stockbarger method
USE crystal growth from melt

Stöchiometrie
DEU for stoichiometry

Störelektronenzustand und Wirkung
DEU for impurity electron states and effects

Störgeräusch
DUS für noise

Störgeräuschmessung
DUS für acoustic noise measurement

Störpegelmessung
DUS für noise measurement

Störrauschen
DUS für impulse noise

Störsignal
DEU for jamming

Störsimpuls
DUS für impulse noise

Störspannungsspitze
DUS für impulse noise

Störstelle
DUS für impurities

Störstellen-Defekt-Wechselwirkung
DEU for impurity-defect interactions

Störstellenelektronenzustand und Wirkung
DUS für impurity electron states and effects

Störstellenverteilung
DEU for impurity distribution

Störstrahlung
DUS für jamming

Störtechnik
DEU for perturbation techniques

Störung (Fehlecho)
DEU for clutter

Störungsabsorptionsspektrum
DEU for impurity absorption spectra

Störungsmethode
DUS für perturbation techniques

Störungstechnik
DUS für perturbation techniques

Störungstheorie
DEU for perturbation theory

Störunterdrückung
DUS für interference suppression

Stoffübergang
DEU for mass transfer

stoichiometry
SY *nonstoichiometry*
RT chemical structure
crystal chemistry
crystal structure
vacancies (crystal)
valency
DEU Stöchiometrie

Stokes flow
USE flow

Stokes law (fluid mechanics)
USE flow

Stokes law (optical)
USE luminescence

Stokes lines
USE spectra (general)

stone (material)
USE aggregates (materials)
+ building materials
+ rocks

Stoneley waves
USE surface acoustic waves

stopping of particles
USE energy loss of particles

storage
BT materials handling
NT bulk storage
cold storage
containers
fuel storage
secure storage
storage automation
warehousing
water storage
RT stacking
DEU Lagerung (Ware
DSY Speicher (Ware)
Speicherung (Ware)

storage allocation
BT data handling
SY *memory addresses*
RT file organisation
supervisory programs
virtual storage
DEU Speicherzuteilung
DSY Speicherzuweisung

storage area networks
BT digital storage
PT local area networks
storage management
RT computer network management
local area networks
storage management
DEU Speicherbereichsnetz

storage automation
BT automation
storage
SY *automated storage and retrieval systems*
RT warehouse automation
DEU Lagerautomatisierung
DSY Speicherautomatisierung

storage devices
DEU Speicherbauelement
DSY Speicherbaustein
Speichergerät

storage management
BT file organisation
NT buffer storage
interleaved storage
memory protocols
virtual storage
SY *garbage collection (computers)*
memory management
prefetching
PT file organisation
RT storage area networks
storage management chips
DEU Speicherverwaltung

storage management chips
BT digital integrated circuits
SY *memory management chips*
PT digital integrated circuits
storage management
RT DRAM chips
integrated memory circuits
microcontrollers
microprocessor chips
storage management
DEU Speicherverwaltungsbauelement
DSY Speicherverwaltungschip

storage media
BT computer installation
NT CD-ROMs
floppy discs
hard discs
jukebox storage systems
magnetic tapes
RT digital storage
disc storage
magnetic tape storage
optical disc storage
DEU Speichermedium

storage modulus
USE elastic moduli

storage organisation
USE file organisation

storage organization
USE file organisation
DEU Speicherorganisation

storage rings
BT cyclic accelerators
PT particle accelerators
RT colliding beam accelerators
muon colliders
DEU Speicherring

storage tubes
DEU Speicherröhre

storage units
BT digital storage
DEU Speichereinheit (Computer)

storage, analog
USE analogue storage

storage, analogue
USE analogue storage

storage, digital
USE digital storage

store and forward switching
USE telecommunication switching

stored program control
USE electronic switching systems

storms
BT meteorology
NT thunderstorms
UF *cyclogenesis / atmospheric movements + storms*
SY *dust storms*
hurricanes
tornadoes
tropical cyclones
typhoons
RT atmospheric movements
disasters
emergency management
rescue robots
DEU Sturm

storms, magnetic
USE magnetic storms

Stoß (Physik)
DUS für collision processes

Stoß (Prozess)
DUS für collision processes

Stoß (Schlag)
DEU for impact (mechanical)

Stoßdämpfer
DEU for shock absorbers

Stoßdämpfung
DUS für vibration isolation

Stoßfestigkeit
DEU for impact strength

Stoßionisation
DEU for impact ionisation

Stoßkontrolle
DEU for shock control

Stoßmessung
DUS für shock measurement

Stoßrauschen
DUS für impulse noise

Stoßschweißen
DEU for butt welding

Stoßspannungsschutz
DEU for surge protection

Stoßstörung
DUS für impulse noise

Stoßwelle
DEU for shock waves

Stoßwellenrohr
DEU for shock tubes

Stoßwellenwirkung
DUS für shock wave effects

Strahl
DEU for jets

strahlbeugendes optisches Element
DUS für diffractive optical elements

strahlenbasiertes Funktionennetz
DEU for radial basis function networks

Strahlenbehandlungsausrüstung
DEU for beam handling equipment

Strahlenchemie
DEU for radiation chemistry

Strahlendekontamination
DEU for radiation decontamination

Strahlendruck
DEU for radiation pressure

Strahlenführung
DEU for beam steering

Strahlenführungsmethode
DEU for beam handling techniques

Strahlenhärten (Elektronik)
DEU for radiation hardening (electronics)

Strahlenkanalisierung
DUS für channelling radiation

Strahlenkorrektur
DEU for radiative corrections

Strahlenlebensdauer
DEU for radiative lifetimes

Strahlenlenkung
DUS für beam steering

Strahlenlenkungsmethode
DUS für beam handling techniques

Strahlenteileroptik
DUS für optical beam splitters

Strahlentherapie
DEU for radiation therapy

Strahlenübertragung
DEU for radiative transfer

Strahlenverfolgung
DUS für ray tracing

Strahlenverschiebung
DEU for radiative shifts

Strahlenversprödung
DEU for radiation embrittlement

Strahlenwirkung
DEU for radiation effects

Strahlenwirkung auf Zellen
DEU for cellular effects of radiation

Strahlführung
DUS für beam steering

Strahlführungsmethode
DUS für beam handling techniques

Strahlführungstechnik
DUS für beam handling techniques

Strahllenkung
DUS für beam steering

Strahllenkungsmethode
DUS für beam handling techniques

Strahllenkungstechnik
DUS für beam handling techniques

Strahltriebwerk
DEU for jet engines

Strahlung
DEU for radiation

Strahlungsabschrecken
DEU for radiation quenching

Strahlungschemie
DUS für radiation chemistry

Strahlungsdekontamination
DUS für radiation decontamination

Strahlungsdetektion
DEU for radiation detection

Strahlungsdruck
DUS für radiation pressure

Strahlungsführung
DUS für beam steering

Strahlungsgürtel
DEU for radiation belts

Strahlungshärten
DEU for radiation hardening

Strahlungshärten (Elektronik)
DUS für radiation hardening (electronics)

strahlungsinduziertes Kriechen
DEU for irradiation induced creep

Strahlungskollisionsbeschleuniger
DEU for colliding beam accelerators

Strahlungskorrektur
DUS für radiative corrections

Strahlungslebensdauer
DUS für radiative lifetimes

Strahlungslenkung
DUS für beam steering

Strahlungsschutz
DEU for radiation protection

Strahlungsübertragung
DUS für radiative transfer

Strahlungsüberwachung
DEU for radiation monitoring

Strahlungsverschiebung
DUS für radiative shifts

Strahlungswirkung
DUS für radiation effects

Strahlverfolgung
DUS für ray tracing

strain
PT deformation
DEU Dehnung
DSY Entspannung (mechanisch)
Spannung (mechanisch)
Stamm

strain ageing
BT ageing
PT ageing
RT work hardening
DEU Reckaltern

strain control
BT mechanical variables control
RT strain measurement
DEU Fremdsteuerung

strain gauges
BT gauges
RT mechanical testing
micrometry
pressure gauges
strain measurement
strain sensors
stress analysis
DEU Messstreifen

strain hardening
USE work hardening

strain measurement
BT mechanical variables measurement
RT extensometers
mechanical testing
shearography
strain control
strain gauges
strain sensors
torquemeters
transducers
DEU Dehnungsmessung

strain sensors
BT sensors
PT strain gauges
strain measurement
RT electric sensing devices
fibre optic sensors
pressure sensors
strain gauges
strain measurement
DEU Dehnungsmesssensor
DSY Dehnungssensor

strain-optical coefficients
USE piezo-optical effects

strange particles
BT elementary particles
NT hyperons
kaons
SY *strangeness*
DEU seltsames Partikel
DSY seltsames Teilchen

strangeness
USE strange particles

Stranggießen
DEU for squeeze casting

Strangpresse
DUS für presses

Strangpresse (Metall)
DUS für presses

Strangziehpressen
DUS für pultrusion

strapping
BT packaging
RT fasteners
DEU Umreifen

Straße
DEU for roads

Straßenbahn
DUS für trolleys

Straßenbahnwagen
DUS für trolleys

Straßenbau
DEU for road building

Straßenbelag
DEU for pavements

Straßenbeleuchtung
DEU for street lighting

Straßenfahrzeug
DEU for road vehicles

Straßenfahrzeugradar
DEU for road vehicle radar

Straßengebühr (Zoll)
DUS für road pricing (tolls)

Straßenheizung
DEU for road heating

Straßenunfall
DEU for road accidents

Straßenverkehr
DEU for road traffic

Straßenverkehrskontrolle
DEU for road traffic control

Straßenverkehrssicherheit
DEU for road safety

Straßenverkehrsteuerung
DUS für road traffic control

Straßenverkehrsüberwachung
DUS für road traffic control

strata (geology)
USE rocks
\+ stratigraphy

strategic planning
BT planning
PT management
RT business process re-engineering
information systems
total quality management
DEU strategische Planung

strategische Planung
DEU for strategic planning

stratified flow
BT flow
SY *entrainment (flow)*
flow entrainment
PT flow
RT multiphase flow
DEU geschichtete Strömung

stratified media
USE inhomogeneous media

Stratigrafie
DEU for stratigraphy

Stratigraphie
DUS für stratigraphy

stratigraphy
BT geology
UF *strata (geology) / rocks + stratigraphy*
PT geology
RT geochronology
palaeontology
petrology
DEU Stratigrafie
DSY Stratigraphie

stratopause
USE mesosphere
\+ stratosphere

Stratosphäre
DEU for stratosphere

stratosphere
BT terrestrial atmosphere
SY *ozonosphere*
UF *stratopause / mesosphere + stratosphere*
UF *tropopause / stratosphere + troposphere*
DEU Stratosphäre

stratospheric platforms
USE high altitude stratospheric platforms

stratus clouds
USE clouds

stray light
BT light
RT astronomical telescopes
light scattering
optical design techniques
ray tracing
DEU Falschlicht

strays (atmospherics)
USE atmospherics

streak cameras
BT cameras
particle detectors
PT cameras

particle detectors
streak photography
RT radiation detection
streak photography
DEU Schlierenkamera
DSY Streak-Kamera

streak photography
BT high-speed techniques
photography
PT photography
RT high-speed optical techniques
optical variables measurement
streak cameras
time measurement
time resolved spectroscopy
DEU Kurzzeitfotografie
DSY Kurzzeitphotographie
Streak-Fotografie
Streak-Photographie

Streak-Fotografie
DUS für streak photography

Streak-Kamera
DUS für streak cameras

Streak-Photographie
DUS für streak photography

streamer chambers
BT ionisation chambers
particle track visualisation
PT particle track visualisation
DEU Bandkammer

streamers
USE discharges (electric)

streaming, acoustic
USE acoustic streaming

Streckbarkeit
DEU for ductility

Streckenplanung
DUS für path planning

Streckgrenze
DEU for yield strength

Streckpunkt
DEU for yield point

Streckspannung
DUS für yield stress

Streckziehpresse
DUS für presses

street lighting
BT lighting
DEU Straßenbeleuchtung

Streifen (Form)
DUS für strips

Streifenleiter
DEU for strip lines

Streifenleiterantenne
DUS für microstrip antennas

Streifenleiterbauelement
DEU for strip line components

Streifenleiterdiskontinuität
DEU for strip line discontinuities

Streifenleiterfilter
DEU for strip line filters

Streifenleiterkoppler
DEU for strip line couplers

Streifenleiterresonator
DEU for strip line resonators

Streifenleiterschaltkreis
DEU for strip line circuits

Streifenleiterschaltung
DUS für strip line circuits

Streifenleiterübergang
DEU for strip line transitions

streng korreliertes Elektronensystem
DEU for strongly correlated electron
systems

strength (mechanical)
USE mechanical strength

stress
USE internal stresses
+ stress effects
+ stress-strain relations
+ thermal stresses
+ yield stress

stress analysis
NT crack-edge stress field analysis
RT bending
civil engineering

conformal mapping
inclusions
mechanical engineering
photoelasticity
photoplasticity
strain gauges
stress effects
thermal shock
thermal stresses
torsion
yield strength
yield stress
DEU Belastungsanalyse
DSY Spannungsanalyse
Stressanalyse

stress birefringence
USE mechanical birefringence

stress control
BT mechanical variables control
DEU mechanische Spannungskontrolle

stress corrosion cracking
BT corrosion
cracks
SY *cracking, stress corrosion*
UF *environmental stress cracking / environmental degradation + stress corrosion cracking*
SY *SCC*
PT corrosion
cracks
RT corrosion fatigue
crazing
environmental degradation
fatigue
fracture
surface cracks
DEU Spannungsrisskorrosion

stress effects
NT cavitation
piezo-optical effects
piezoelectricity
piezoresistance
UF *stress / internal stresses + stress effects + stress-strain relations + thermal stresses + yield stress*
UF *stresses / internal stresses + stress effects + stress-strain relations + thermal stresses + yield stress*
RT deformation
elastic waves
heat treatment
high-pressure effects
magnetomechanical effects
materials testing
mechanical properties
mechanical testing
shock wave effects
stress analysis
stress measurement
stress-strain relations
tribology
DEU Stresseffekt
DSY Stresswirkung

stress field analysis at cracks
USE crack-edge stress field analysis

stress measurement
BT mechanical variables measurement
RT mechanical testing
stress effects
DEU Spannungsmessung (mechanische Größe)

stress relaxation
BT mechanical properties
relaxation
PT mechanical properties of substances
relaxation
RT anelastic relaxation
annealing
creep
heat treatment
viscoelasticity
DEU Spannungsrelaxation

stress-optical effects
USE piezo-optical effects

stress-strain curves
USE stress-strain relations

stress-strain relations
BT mechanical properties
NT elastic constants
elastic limit
yield point
yield stress
UF *stress / internal stresses + stress effects + stress-strain relations + thermal stresses + yield stress*
SY *stress-strain curves*
UF *stresses / internal stresses + stress effects + stress-strain relations + thermal stresses + yield stress*
RT elastic deformation
elastic hysteresis
elastic moduli

micromechanics
Portevin-Le Chatelier effect
serrated yielding
stress effects
tensile strength
yield strength
DEU Dehnungs-Spannungs-Relation
DSY Dehnungs-Spannungs-Verhalten
Spannungs-Dehnungs-Verhalten

Stressanalyse
DUS für stress analysis

Stresseffekt
DEU for stress effects

stresses
USE internal stresses
\+ stress effects
\+ stress-strain relations
\+ thermal stresses
\+ yield stress

stresses, internal
USE internal stresses

Stresswirkung
DUS für stress effects

stretch receptors
USE mechanoception

Streukanal
DUS für dispersive channels

Streumedium
DEU for dispersive media

Streuung
DEU for scattering

Streuung (Welle)
DUS für dispersion (wave)

Streuung von Ultraschall
DEU for ultrasonic scattering

striations
USE discharges (electric)

Strichcode
DEU for bar codes

Strichcode
DUS für product codes

Strichdiagramm
DUS für bar charts

Strick
DUS für ropes

Strickmaschine
DEU for knitting machines

string field theory
USE gauge field theory
\+ string theory

string matching
BT data handling
pattern matching
RT algorithm theory
pattern recognition
search problems
DEU Zeichenkettenvergleich

string theory
BT extended objects
NT superstrings
UF *string field theory / gauge field theory + string theory*
UF *string vacuum / string theory + vacuum (elementary particles)*
PT quark models
supersymmetry
unified field theories
RT brane world
conformal symmetry
holographic principle
M-theory
membrane theory
quark models
supersymmetry
unified field theories
vacuum (elementary particles)
DEU String-Theorie

string vacuum
USE string theory
\+ vacuum (elementary particles)

String-Theorie
DEU for string theory

strip line circuits
BT strip line components
NT microstrip circuits
PT strip line components
strip lines
RT microwave circuits
millimetre wave circuits
strip lines
UHF circuits

DEU Streifenleiterschaltkreis
DSY Streifenleiterschaltung

strip line components
BT waveguide components
NT microstrip components
strip line circuits
strip line couplers
strip line filters
strip line resonators
PT strip lines
waveguide components
RT baluns
coplanar waveguide components
microwave circuits
microwave integrated circuits
millimetre wave filters
millimetre wave integrated circuits
power combiners
power dividers
strip line transitions
strip lines
superconducting microwave devices
DEU Streifenleiterbauelement

strip line couplers
BT strip line components
waveguide couplers
NT microstrip couplers
PT strip line components
waveguide couplers
RT millimetre wave couplers
submillimetre wave couplers
UHF couplers
DEU Streifenleiterkoppler

strip line discontinuities
BT strip lines
waveguide discontinuities
NT microstrip discontinuities
PT strip lines
RT S-parameters
waveguide theory
DEU Streifenleiterdiskontinuität

strip line filters
BT distributed parameter filters
strip line components
waveguide filters
NT microstrip filters
PT microwave filters
strip line components
RT microwave filters
millimetre wave filters
UHF filters
DEU Streifenleiterfilter

strip line resonators
BT resonators
strip line components
NT microstrip resonators
PT strip line components
DEU Streifenleiterresonator

strip line transitions
BT strip lines
waveguide transitions
NT microstrip transitions
RT strip line components
DEU Streifenleiterübergang

strip lines
BT waveguides
NT microstrip lines
strip line discontinuities
strip line transitions
UF *coplanar strip lines / coplanar waveguides + strip lines*
UF *superconducting striplines / strip lines + superconducting microwave devices*
RT coplanar transmission lines
microwave integrated circuits
strip line circuits
strip line components
superconducting microwave devices
DEU Streifenleiter

stripping reactions
BT direct reactions
PT nuclear reactions and scattering
DEU Abbaureaktion
DSY Abtragungsreaktion

strips
BT shapes (structures)
DEU Band (Form)
DSY Streifen (Form)

stroboscopes
RT angular measurement
angular velocity measurement
synchronisation
velocity measurement
DEU Stroboskop

Stroboskop
DEU for stroboscopes

Strömung
DEU for flow

Strömung im porösen Medium
DEU for flow through porous media

Strömungsalgebra
DEU for current algebra

Strömungsdoppelbrechung
DEU for flow birefringence

Strömungsfließen
DUS für flux flow

Strömungsfluss
DUS für flux flow

Strömungsinstabilität
DEU for flow instability

Strömungslehre
DEU for fluid dynamics

Strömungsmesser
DUS für flowmeters

Strömungsmessung
DEU for flow measurement

Strömungssensor
DUS für flow sensors

Strömungssimulation
DEU for flow simulation

Strömungstrennung
DEU for flow separation

Strömungsvisualisierung
DEU for flow visualisation

Stromabnehmer (Eisenbahn)
DUS für traction current collection

Stromabnehmerausrüstung
DEU for current collecting equipment

strombegrenzende Reaktanzspule
DEU for current limiting reactors

Strombegrenzer
DEU for current limiters

Stromdichte
DEU for current density

Stromerzeugung
DUS für electric power generation

Stromerzeugungsdispatcher
DUS für power generation dispatch

Stromerzeugungsfehler
DUS für power generation faults

Stromerzeugungskontrolle
DUS für power generation control

Stromerzeugungsökonomie
DUS für power generation economics

Stromerzeugungsplanung
DUS für power generation planning

Stromerzeugungsregelung
DUS für power generation control

Stromerzeugungsschutz
DUS für power generation protection

Stromerzeugungssteuerung
DUS für power generation control

Stromerzeugungswirtschaft
DUS für power generation economics

Stromerzeugungswirtschaftlichkeit
DUS für power generation economics

Stromerzeugungszeitplanung
DUS für power generation scheduling

Stromerzeugungszuverlässigkeit
DUS für power generation reliability

Stromfilter
DUS für power filters

Stromfluktuation
DUS für current fluctuations

Stromförderband
DEU for current conveyors

Strominduktion durch optische Strahlung (OBIC)
DUS für OBIC (optical beam induced currents)

Strominduktionslaserstrahl
DUS für OBIC (optical beam induced currents)

Strominduktor
DUS für power inductors

Stromkomperator
DEU for current comparators

Stromkreisschalter
DUS für switched current circuits

Stromliefervertrag
DEU for electrical contracting

stromlos abgeschiedene Beschichtung
DEU for electroless deposited coatings

stromlos abgeschiedene Schicht
DUS für electroless deposited coatings

Stromlosbeschichten
DEU for electroless deposition

stromlose Ablagerung
DUS für electroless deposition

stromlose Abscheidung
DUS für electroless deposition

stromlose Beschichtung
DUS für electroless deposition

stromlose Plattierung
DUS für electroless deposition

stromloses Abscheiden
DUS für electroless deposition

stromloses Aufbringen
DUS für electroless deposition

stromloses Beschichten
DUS für electroless deposition

Strommarkt
DUS für power markets

Strommessgerät
DUS für ammeters

Strommessung (elektrisch)
DEU for electric current measurement

Strommoduslogik
DEU for current-mode logic

Strommodusschaltung
DEU for current-mode circuits

Stromnetz
DUS für power grids

Stromnetzerneuerung
DUS für power system restoration

Stromnetzplanung
DUS für power system planning

Stromnetzregelung
DUS für power transmission control

Stromnetzschutz
DUS für power system protection

Stromnetzsicherheit
DUS für power system security

Stromnetzsimulation
DUS für power system simulation

Stromnetzstabilität
DUS für power system stability

Stromnetzsteuerung
DUS für power transmission control

Stromnetztransiente
DUS für power system transients

Stromnetzzuverlässigkeit
DUS für power system reliability

Stromnutzung
DUS für power utilisation

Stromregelung (elektrisch)
DUS für electric current control

Stromrichter
DEU for power conversion

Stromrichterharmonie
DEU for power conversion harmonics

Stromrichterthyratron
DUS für thyratrons

Stromschalter
DUS für switched current circuits

Stromschalterbauelement
DUS für switched current circuits

Stromschaltkreisschalter
DUS für switched current circuits

Stromschwankung
DUS für current fluctuations

Stromspiegel
DEU for current mirrors

Stromsystem-CAD
DUS für power system CAD

Stromsystemfehler
DUS für power system faults

Stromsystemidentifikation
DUS für power system identification

Stromsystemmanagement
DUS für power system management

Stromsystemmessung
DUS für power system measurement

Stromsystemschaltung
DEU for power system relaying

Stromsystemsicherheit
DUS für power system security

Stromsystemzustandserkennung
DUS für power system state estimation

Stromteiler
DEU for power dividers

Stromübertrager
DUS für current conveyors

Stromübertragung
DUS für power transmission

Stromübertragungsfehler
DUS für power transmission faults

Stromübertragungsleitung
DUS für power transmission lines

Stromübertragungsplanung
DUS für power transmission planning

Stromübertragungsregelung
DUS für power transmission control

Stromübertragungsschutz
DUS für power transmission protection

Stromübertragungssteuerung
DUS für power transmission control

Stromübertragungszuverlässigkeit
DUS für power transmission reliability

Stromverbinder
DUS für power combiners

Stromverbrauchszähler
DUS für watthour meters

Stromversorgungssystem
DUS für power systems

Stromverstärker
DUS für power amplifiers

Stromverteilung
DEU for current distribution

Stromverteilungsfehler
DUS für power distribution faults

Stromverteilungskontrolle
DUS für power distribution control

Stromverteilungsnetz
DUS für power distribution lines

Stromverteilungsplanung
DUS für power distribution planning

Stromverteilungsregelung
DUS für power distribution control

Stromverteilungsschutz
DUS für power distribution protection

Stromverteilungssteuerung
DUS für power distribution control

Stromverteilungszuverlässigkeit
DUS für power distribution reliability

Stromverteilung
DUS für power distribution

Stromverwendung
DUS für power utilisation

Stromwandler
DEU for current transformers

Stromwendermotor
DUS für commutator motors

Stromwendung
DEU for commutation

Stromzähler
DUS für power meters
watthour meters

Stromzuverlässigkeit
DUS für power generation reliability

strong interactions, elementary particle
USE elementary particle strong interactions

strong motion, seismic
USE earthquakes

strong-coupling superconductors
BT superconducting materials
superconductivity
SY *Eliashberg strong-coupling model*
PT superconducting materials
superconductivity
RT electron-phonon interactions
DEU stark gekoppelter Supraleiter

strongly correlated electron systems
BT energy states
RT electron correlations
electron gas
Fermi liquid
high-temperature superconductors
mixed valence compounds
DEU streng korreliertes Elektronensystem

strontium
BT alkaline earth metals
SY *Sr (chemical element)*
RT strontium alloys
strontium compounds
DEU Strontium

strontium alloys
BT alkaline earth alloys
PT alkaline earth alloys
RT strontium
strontium compounds
DEU Strontiumlegierung

strontium compounds
BT alkaline earth compounds
RT strontium
strontium alloys
DEU Strontiumverbindung

strontium stars
USE chemically peculiar stars
\+ magnetic stars

Strontiumlegierung
DEU for strontium alloys

Strontiumverbindung
DEU for strontium compounds

Strontium
DEU for strontium

structural acoustics
BT acoustics
NT architectural acoustics
RT vibrations
DEU Bauakustik
DSY Bauwerksakustik

structural engineering computing
BT civil engineering computing
mechanical engineering computing
structural engineering
PT civil engineering computing
mechanical engineering computing
RT finite element analysis
mechanics
DEU bautechnische Computeranwendung
DSY bautechnische Rechneranwendung
Computeranwendung in der Baukonstruktion
Computeranwendung in der Bautechnik
Computeranwendung in der Bauwesen
Rechneranwendung in der Baukonstruktion
Rechneranwendung in der Bautechnik
Rechneranwendung in der Bauwesen

structural engineering
BT civil engineering
mechanical engineering
NT structural engineering computing
UF *structural health monitoring / condition monitoring + structural engineering*
PT civil engineering
mechanical engineering
RT bridges (structures)
buildings (structures)
cables (mechanical)
cantilevers
construction
deployable structures
earthquake engineering
finite element analysis
geotechnical engineering
geotechnical structures
inflatable structures

mechanics
net structures (mechanical)
offshore installations
rebar
shapes (structures)
DEU Bautechnik

structural health monitoring
USE condition monitoring
+ structural engineering

structural members
USE construction components

structural monitoring
USE condition monitoring

structural nets
USE net structures (mechanical)

structural panels
BT shapes (structures)
PT shapes (structures)
RT construction components
honeycomb structures
plates (structures)
sandwich structures
sheet materials
thin wall structures
DEU Bauplatte

structural transformations
USE solid-state phase transformations

structure (chemical)
USE chemical structure

structure factors (crystals)
USE crystal structure

structure functions
BT elementary particle theory
NT EMC effect
PT elementary particle theory
DEU Struktur-Funktion

structured programming
BT programming
SY *programming, structured*
PT programming
DEU strukturierte Programmierung

Structured Query Language
USE SQL

Struktur (Form)
DUS für texture

Struktur von Flüssigkeiten
DUS für liquid structure

Struktur-Aktivitätsbeziehung (QSAR)
DUS für QSAR

Struktur-Funktion
DEU for structure functions

strukturelle Verstärkung
DUS für rebar

Strukturerkennung
DUS für pattern recognition

strukturierte Programmierung
DEU for structured programming

strukturvariables System
DEU for variable structure systems

stuck-at faults
USE fault diagnosis
+ logic testing

stuck-open faults
USE fault diagnosis
+ logic testing

student experiments
BT teaching
SY *demonstrations*
student laboratory apparatus
teaching demonstrations
PT demonstrations
student laboratory apparatus
RT education
educational aids
laboratory techniques
physics education
DEU studentisches Experiment

student laboratory apparatus
USE student experiments

student modelling
USE user modelling

studentisches Experiment
DEU for student experiments

Studio
DEU for studios

studios
NT radio studios
television studios
RT audio recording
DEU Studio

stückweise Konstantentechnik
DEU for piecewise constant techniques

stückweise lineare Technik
DEU for piecewise linear techniques

stückweise polynomiale Technik
DEU for piecewise polynomial techniques

Stütze (Kabel)
DEU for supports

Stufenpresse
DUS für presses

Stufenschalter
DUS für on load tap changers

Stufenversetzung
DEU for edge dislocations

Stuhl (Sitzmöbel)
DUS für seats

Sturm
DEU for storms

Sturm-Liouville equation
BT differential equations
PT differential equations
DEU Sturm-Liouville-Gleichung

Sturm-Liouville-Gleichung
DEU for Sturm-Liouville equation

SU UMa stars
USE dwarf novae

SU(2) theory
BT SU(N) theory
SY *SU2 theory*
PT SU2 theory
RT elementary particle symmetry
group theoretical schemes
O groups
SO groups
SU(3) theory
SU(4) theory
SU(5) theory
SU(6) theory
SU(7) theory
SU(8) theory
DEU SU(2)-Theorie

SU(2)-Theorie
DEU for SU(2) theory

SU(3) theory
BT SU(N) theory
SY *SU3 theory*
PT SU3 theory
RT elementary particle symmetry
group theoretical schemes
O groups
SO groups
SU(2) theory
SU(4) theory
SU(5) theory
SU(6) theory
SU(7) theory
SU(8) theory
DEU SU(3)-Theorie

SU(3)-Theorie
DEU for SU(3) theory

SU(4) theory
BT SU(N) theory
SY *SU4 theory*
PT SU4 theory
RT elementary particle symmetry
group theoretical schemes
O groups
SO groups
SU(2) theory
SU(3) theory
SU(5) theory
SU(6) theory
SU(7) theory
SU(8) theory
DEU SU(4)-Theorie

SU(4)-Theorie
DEU for SU(4) theory

SU(5) theory
BT SU(N) theory
SY *SU5 theory*
PT SU5 theory
RT elementary particle symmetry
group theoretical schemes
O groups
SO groups
SU(2) theory
SU(3) theory
SU(4) theory
SU(6) theory
SU(7) theory
SU(8) theory
unified field theories
DEU SU(5)-Theorie

SU(5)-Theorie
DEU for SU(5) theory

SU(6) theory
BT SU(N) theory
PT SUn theory
RT elementary particle symmetry
group theoretical schemes
O groups
SO groups
SU(2) theory
SU(3) theory
SU(4) theory
SU(5) theory
SU(7) theory
SU(8) theory
DEU SU(6)-Theorie

SU(6)-Theorie
DEU for SU(6) theory

SU(7) theory
BT SU(N) theory
PT SUn theory
RT elementary particle symmetry
group theoretical schemes
O groups
SO groups
SU(2) theory
SU(3) theory
SU(4) theory
SU(5) theory
SU(6) theory
SU(8) theory
unified field theories
DEU SU(7)-Theorie

SU(7)-Theorie
DEU for SU(7) theory

SU(8) theory
BT SU(N) theory
PT SUn theory
RT elementary particle symmetry
group theoretical schemes
O groups
SO groups
SU(2) theory
SU(3) theory
SU(4) theory
SU(5) theory
SU(6) theory
SU(7) theory
unified field theories
DEU SU(8)-Theorie

SU(8)-Theorie
DEU for SU(8) theory

SU(N) theory
BT group theory
NT SU(2) theory
SU(3) theory
SU(4) theory
SU(5) theory
SU(6) theory
SU(7) theory
SU(8) theory
SY *SUn theory*
PT SUn theory
RT chiral symmetries
elementary particle symmetry
group theoretical schemes
Lie groups
O groups
O(2) groups
SO groups
SO(10) groups
SO(2) groups
SO(3) groups
SO(4) groups
SO(8) groups
symmetry
DEU SU(N)-Theorie

SU(N)-Theorie
DEU for SU(N) theory

SU2 theory
USE SU(2) theory

SU3 theory
USE SU(3) theory

SU4 theory
USE SU(4) theory

SU5 theory
USE SU(5) theory

sub-lepton models
USE composite particle models

Sub-Millimeterwellen
DEU for submillimetre waves

sub-MM wave amplifiers
USE submillimetre wave amplifiers

sub-MM wave antennas
USE submillimetre wave antennas

sub-MM wave circuits
USE submillimetre wave circuits

sub-MM wave couplers
USE submillimetre wave couplers

sub-MM wave detectors
USE submillimetre wave detectors

sub-MM wave devices
USE submillimetre wave devices

sub-MM wave diodes
USE submillimetre wave diodes

sub-MM wave filters
USE submillimetre wave filters

sub-MM wave generation
USE submillimetre wave generation

sub-MM wave imaging
USE submillimetre wave imaging

sub-MM wave integrated circuits
USE submillimetre wave integrated circuits

sub-MM wave lasers
USE submillimetre wave lasers

sub-MM wave measurement
USE submillimetre wave measurement

sub-MM wave mixers
USE submillimetre wave mixers

sub-MM wave oscillators
USE submillimetre wave oscillators

sub-MM wave propagation
USE submillimetre wave propagation

sub-MM wave radar
USE submillimetre wave radar

sub-MM wave receivers
USE submillimetre wave receivers

sub-MM wave spectra
USE submillimetre wave spectra

sub-MM wave spectroscopy
USE submillimetre wave spectroscopy

sub-MM wave transistors
USE submillimetre wave transistors

sub-MM wave tubes
USE submillimetre wave tubes

sub-MM waves
USE submillimetre waves

sub-quark models
USE composite particle models

subboundary structure
BT crystal microstructure
SY *grain subboundaries*
subgrain structure
PT crystal microstructure
RT grain boundaries
DEU Subgrenzenstruktur
DSY Subgrenzstruktur
Untergrenzenstruktur
Untergrenzstruktur

subcarrier multiplexing
BT multiplexing
SY *SCM*
PT multiplexing
RT optical links
optical modulation
DEU Subträgermultiplex

subcontracting
BT contracts
PT outsourcing
RT outsourcing
DEU Subvertrag
DSY Untervertrag

subcooled boiling
USE boiling

subcooling
USE undercooling

subgiant stars
USE giant stars

subgrain structure
USE subboundary structure

Subgrenzenstruktur
DEU for subboundary structure

Subgrenzstruktur
DUS für subboundary structure

subject headings
USE vocabulary

sublimation
BT solid-vapour transformations
vaporisation
RT heat of sublimation
DEU Sublimation

Sublimationswärme
DEU for heat of sublimation

Sublimation
DEU for sublimation

submarine cables
BT cables (electric)
underwater equipment
SY *underwater cables*
PT power cables
telecommunication cables
RT cable laying
marine communication
telephone lines
DEU Seekabel
DSY Unterseekabel

submarine hydrothermal activity
USE seafloor phenomena

submarine landslides
USE seafloor phenomena

submarines
USE underwater vehicles

submerged arc welding
USE arc welding

submersibles
USE underwater vehicles

submillimeter wave devices
USE submillimetre wave devices

submillimeter waves
USE submillimetre waves

Submillimeter-Frequenzumsetzer
DEU for submillimetre wave mixers

Submillimeter-Radioastronomie
DEU for submillimetre astronomy

Submillimeter-Überlagerungsempfänger
DUS für submillimetre wave receivers

Submillimeterastronomie
DUS für submillimetre astronomy

Submillimeterlaser
DEU for submillimetre wave lasers

Submillimeterradioastronomie
DUS für submillimetre astronomy

Submillimeterwelle
DUS für submillimetre waves

Submillimeterwellen-Detektor
DEU for submillimetre wave detectors

Submillimeterwellen-Laser
DUS für submillimetre wave lasers

Submillimeterwellen-Spektrometrie
DEU for submillimetre wave spectroscopy

Submillimeterwellen-Spektroskopie
DUS für submillimetre wave spectroscopy

Submillimeterwellenantenne
DEU for submillimetre wave antennas

Submillimeterwellenastronomie
DUS für submillimetre astronomy

Submillimeterwellenausbreitung
DEU for submillimetre wave propagation

Submillimeterwellenbilderzeugung
DEU for submillimetre wave imaging

Submillimeterwellenbildgebung
DUS für submillimetre wave imaging

Submillimeterwellendetektor
DUS für submillimetre wave detectors

Submillimeterwellendiode
DEU for submillimetre wave diodes

Submillimeterwellenempfänger
DUS für submillimetre wave receivers

Submillimeterwellenerzeugung
DEU for submillimetre wave generation

Submillimeterwellenfilter
DEU for submillimetre wave filters

Submillimeterwellengenerator
DUS für submillimetre wave generation

Submillimeterwellengenerierung
DUS für submillimetre wave generation

Submillimeterwellengerät
DEU for submillimetre wave devices

Submillimeterwellenkoppler
DEU for submillimetre wave couplers

Submillimeterwellenlaser
DUS für submillimetre wave lasers

Submillimeterwellenmessung
DEU for submillimetre wave measurement

Submillimeterwellenoszillator
DEU for submillimetre wave oscillators

Submillimeterwellenradar
DEU for submillimetre wave radar

Submillimeterwellenröhre
DEU for submillimetre wave tubes

Submillimeterwellenschaltkreis
DEU for submillimetre wave circuits

Submillimeterwellenschaltung
DUS für submillimetre wave circuits

Submillimeterwellenspektrometrie
DUS für submillimetre wave spectroscopy

Submillimeterwellenspektroskopie
DUS für submillimetre wave spectroscopy

Submillimeterwellenspektrum
DEU for submillimetre wave spectra

Submillimeterwellentransistor
DEU for submillimetre wave transistors

Submillimeterwellenverstärker
DEU for submillimetre wave amplifiers

submillimetre astronomical observations
BT astronomical observatories
DEU astronomisches Submillimeterbeobachtung
DSY astronomisches Submillimeterobservierung

submillimetre astronomy
BT astronomy
UF *submillimetre telescopes / radiotelescopes + submillimetre astronomy*
PT infrared astronomy
radioastronomy
RT astronomical surveys
infrared astronomy
radioastronomy
radiotelescopes
submillimetre wave receivers
DEU Submillimeter-Radioastronomie
DSY Submillimeterastronomie
Submillimeterradioastronomie
Submillimeterwellenastronomie

submillimetre conductivity
USE high-frequency effects

submillimetre telescopes
USE radiotelescopes
\+ submillimetre astronomy

submillimetre wave amplifiers
BT radiofrequency amplifiers
submillimetre wave devices
SY *sub-MM wave amplifiers*
PT microwave amplifiers
submillimetre wave devices
RT millimetre wave amplifiers
submillimetre wave circuits
DEU Submillimeterwellenverstärker

submillimetre wave antennas
BT antennas
submillimetre wave devices
SY *sub-MM wave antennas*
RT millimetre wave antennas
DEU Submillimeterwellenantenne

submillimetre wave circuits
BT networks (circuits)
submillimetre wave devices
NT submillimetre wave integrated circuits
SY *sub-MM wave circuits*
PT submillimetre wave devices
RT millimetre wave circuits
submillimetre wave amplifiers
submillimetre wave filters
submillimetre wave mixers
submillimetre wave oscillators
DEU Submillimeterwellenschaltkreis
DSY Submillimeterwellenschaltung

submillimetre wave couplers
BT submillimetre wave devices
SY *sub-MM wave couplers*
PT submillimetre wave devices
waveguide couplers
RT microstrip couplers
millimetre wave couplers

strip line couplers
waveguide couplers
DEU Submillimeterwellenkoppler

submillimetre wave detectors
BT sensors
submillimetre wave devices
SY *sub-MM wave detectors*
PT infrared detectors
microwave detectors
submillimetre wave devices
RT infrared detectors
millimetre wave detectors
submillimetre wave measurement
submillimetre wave receivers
terahertz wave detectors
terahertz wave devices
DEU Submillimeterwellen-Detektor
DSY Submillimeterwellendetektor

submillimetre wave devices
NT submillimetre wave amplifiers
submillimetre wave antennas
submillimetre wave circuits
submillimetre wave couplers
submillimetre wave detectors
submillimetre wave diodes
submillimetre wave filters
submillimetre wave lasers
submillimetre wave mixers
submillimetre wave oscillators
submillimetre wave receivers
submillimetre wave transistors
submillimetre wave tubes
SY *sub-MM wave devices*
submillimeter wave devices
RT free electron lasers
gas lasers
microwave devices
millimetre wave devices
mixers (circuits)
submillimetre wave generation
submillimetre wave measurement
submillimetre waves
superconducting microwave devices
terahertz wave devices
DEU Submillimeterwellengerät

submillimetre wave diodes
BT semiconductor diodes
submillimetre wave devices
SY *sub-MM wave diodes*
PT solid-state microwave devices
submillimetre wave devices
RT millimetre wave diodes
DEU Submillimeterwellendiode

submillimetre wave filters
BT radiofrequency filters
submillimetre wave devices
SY *sub-MM wave filters*
PT radiofrequency filters
submillimetre wave circuits
submillimetre wave devices
RT millimetre wave filters
submillimetre wave circuits
DEU Submillimeterwellenfilter

submillimetre wave generation
SY *sub-MM wave generation*
RT infrared sources
millimetre wave generation
submillimetre wave devices
submillimetre wave oscillators
submillimetre wave tubes
submillimetre waves
terahertz wave devices
terahertz wave generation
DEU Submillimeterwellenerzeugung
DSY Submillimeterwellengenerator
Submillimeterwellengenerierung

submillimetre wave imaging
BT radiofrequency imaging
SY *sub-MM wave imaging*
PT infrared imaging
microwave imaging
RT infrared imaging
millimetre wave imaging
remote sensing
submillimetre wave measurement
terahertz wave imaging
DEU Submillimeterwellenbilderzeugung
DSY Submillimeterwellenbildgebung

submillimetre wave integrated circuits
BT radiofrequency integrated circuits
submillimetre wave circuits
SY *sub-MM wave integrated circuits*
PT submillimetre wave devices
RT millimetre wave integrated circuits
DEU integrierte Submillimeterwellenschaltung
DSY integrierter Submillimeterwellenschaltkreis

submillimetre wave lasers
BT lasers
submillimetre wave devices
SY *far infrared lasers*
FIR lasers
sub-MM wave lasers
PT submillimetre wave devices
RT free electron lasers
gas lasers

millimetre wave lasers
DEU Submillimeterlaser
DSY Submillimeterwellen-Laser
Submillimeterwellenlaser

submillimetre wave materials
USE terahertz materials

submillimetre wave measurement
BT radiofrequency measurement
SY *sub-MM wave measurement*
PT microwave measurement
submillimetre wave devices
RT millimetre wave measurement
radiometry
submillimetre wave detectors
submillimetre wave devices
submillimetre wave imaging
submillimetre wave spectroscopy
DEU Submillimeterwellenmessung

submillimetre wave mixers
BT mixers (circuits)
submillimetre wave devices
SY *sub-MM wave mixers*
PT mixers (circuits)
submillimetre wave devices
RT millimetre wave mixers
Schottky diode mixers
submillimetre wave circuits
superconductor-insulator-superconductor mixers
DEU Submillimeter-Frequenzumsetzer

submillimetre wave oscillators
BT radiofrequency oscillators
submillimetre wave devices
SY *sub-MM wave oscillators*
PT microwave oscillators
submillimetre wave devices
RT millimetre wave oscillators
submillimetre wave circuits
submillimetre wave generation
DEU Submillimeterwellenoszillator

submillimetre wave propagation
BT radiowave propagation
SY *sub-MM wave propagation*
PT radiowave propagation
RT millimetre wave propagation
DEU Submillimeterwellenausbreitung

submillimetre wave radar
BT radar
SY *sub-MM wave radar*
RT atmospheric techniques
millimetre wave radar
optical radar
radar antennas
radar applications
radar imaging
remote sensing by radar
synthetic aperture radar
DEU Submillimeterwellenradar

submillimetre wave receivers
BT receivers
submillimetre wave devices
SY *sub-MM wave receivers*
PT radio receivers
receivers
submillimetre wave devices
RT millimetre wave receivers
radio receivers
radiotelescopes
submillimetre astronomy
submillimetre wave detectors
superconductor-insulator-superconductor devices
DEU Empfänger im Submillimeterbereich
DSY Sbumillimeterheterodynempfänger
Submillimeter-Überlagerungsempfänger
Submillimeterwellenempfänger

submillimetre wave sources (astronomical)
USE radiosources (astronomical)

submillimetre wave spectra
BT radiofrequency spectra
SY *sub-MM wave spectra*
PT microwave spectra
RT microwave spectra
millimetre wave spectra
submillimetre wave spectroscopy
terahertz wave spectra
DEU Submillimeterwellenspektrum

submillimetre wave spectrometers
USE submillimetre wave spectroscopy

submillimetre wave spectroscopy
BT radiofrequency spectroscopy
SY *sub-MM wave spectroscopy*
submillimetre wave spectrometers
PT microwave spectroscopy
RT infrared spectroscopy
microwave spectroscopy
millimetre wave spectroscopy
submillimetre wave measurement
submillimetre wave spectra
terahertz spectroscopy
DEU Submillimeterwellen-Spektrometrie
DSY Submillimeterwellen-Spektroskopie

Submillimeterwellenspektrometrie
Submillimeterwellenspektroskopie

submillimetre wave transistors
BT submillimetre wave devices
transistors
SY *sub-MM wave transistors*
PT solid-state microwave devices
submillimetre wave devices
RT millimetre wave transistors
DEU Submillimeterwellentransistor

submillimetre wave tubes
BT electron tubes
submillimetre wave devices
SY *sub-MM wave tubes*
PT microwave tubes
submillimetre wave devices
RT electron wave tubes
gyrotrons
millimetre wave tubes
submillimetre wave generation
DEU Submillimeterwellenröhre

submillimetre waves
BT radiowaves
SY *sub-MM waves*
submillimeter waves
PT radiowaves
RT millimetre waves
submillimetre wave devices
submillimetre wave generation
terahertz waves
DEU Sub-Millimeterwellen
DSY Submillimeterwelle

suboptimal control
BT optimal control
PT optimal control
RT reduced order systems
DEU suboptimale Steuerung

suboptimale Steuerung
DEU for suboptimal control

subroutine libraries
USE software libraries

subroutines
BT computer software
SY *algorithms (computer listings)*
computer subroutines
RT algorithm theory
complete computer programs
macros
software libraries
DEU Unterprogramm

subscriber lines
USE subscriber loops

subscriber loops
BT telephone lines
telephone networks
NT digital subscriber lines
hybrid fibre coax networks
optical fibre subscriber loops
radio access networks
SY *access networks*
UF *optical access networks / optical fibre subscriber loops* +
subscriber loops
SY *subscriber lines*
subscriber networks
telephone subscriber loops
PT telephone lines
telephone networks
RT data communication
digital communication
facsimile
telegraphy
telephony
DEU Teilnehmerschleife

subscriber networks
USE subscriber loops

subscription fulfilment
USE publishing

subsets (mathematics)
USE set theory

subsonic flow
BT flow
PT compressible flow
RT aerodynamics
compressible flow
Mach number
shock waves
supersonic flow
transonic flow
DEU Unterschallströmung

substation automation
BT power system control
substations
PT power system control
substations
RT SCADA systems
substation protection
telecontrol
DEU automatische Umspannstation
DSY Umspannstationenautomatisierung

substation insulation
BT insulation
substations
NT gas insulated substations
RT partial discharge measurement
switchgear insulation
DEU Umspannstationsisolierung
DSY Unterstationsisolierung

substation protection
BT protection
substations
PT power system protection
substations
RT power system protection
relay protection
substation automation
DEU Umspannwerkschutz
DSY Unterwerkschutz

substations
NT rectifier substations
substation automation
substation insulation
substation protection
switching substations
transformer substations
UF *HVDC convertor stations / HVDC power convertors + substations*
RT distribution networks
HVDC power convertors
power conversion
power stations
power transmission
DEU Umspannstation
DSY Unterstation

substitution reactions
USE chemical exchanges

Substitutionsatom (Kristallgitter)
DUS für antisite defects

substorms
USE magnetic storms

Substrat
DEU for substrates

substrate integrated waveguides
BT waveguides
PT waveguides
RT microwave integrated circuits
planar waveguides
printed circuits
rectangular waveguides
substrates
waveguide filters
DEU substratintegrierter Wellenleiter

substrates
RT buffer layers
epitaxial layers
films
flexible electronics
integrated circuit technology
integrated circuits
liquid phase deposition
substrate integrated waveguides
thin films
vapour deposition
DEU Substrat

substratintegrierter Wellenleiter
DEU for substrate integrated waveguides

subsynchronous resonance
BT resonance
RT power system dynamic stability
power system stability
power system transient stability
power systems
DEU Subsynchronresonanz

Subsynchronresonanz
DEU for subsynchronous resonance

Subträgermultiplex
DEU for subcarrier multiplexing

Subvertrag
DEU for subcontracting

Suchmaschine
DEU for search engines

Suchproblem
DEU for search problems

Suchschaltung
DUS für detector circuits

sucrose
USE sugar

sudden commencement
USE magnetic storms

sudden ionospheric disturbances
USE ionospheric disturbances

südpazifische El Nino Oszillation
DEU for El Nino Southern Oscillation

südpazifische El Nino Schwankung
DUS für El Nino Southern Oscillation

sugar
BT agricultural products
food products
organic compounds
SY *glucose*
sucrose
RT food additives
sugar industry
sugar refining
DEU Zucker

sugar industry
BT food processing industry
NT sugar refining
PT food processing industry
RT sugar
DEU Zuckerindustrie

sugar refining
BT refining
sugar industry
PT food processing industry
RT food technology
sugar
DEU Zuckerraffinerie

Suhl effect
BT galvanomagnetic effects
PT Hall effect
DEU Suhl-Effekt

Suhl-Effekt
DEU for Suhl effect

SUI
USE speech-based user interfaces

sulfur
USE sulphur

sulfur compounds
USE sulphur compounds

sulphur
BT non-metals
SY *S (chemical element)*
sulfur
RT sulphur compounds
DEU Schwefel

sulphur compounds
BT inorganic compounds
NT SF6 insulation
SY *sulfur compounds*
RT inorganic polymers
sulphur
DEU Schwefelverbindung

sum frequency generation (optical)
USE optical frequency conversion

sum rules
BT elementary particle theory
PT elementary particle theory
RT hadrons
DEU Summenregel

Summenregel
DEU for sum rules

Summenstromwandler
DUS für differential transformers

Summierglied
DEU for summing circuits

summing circuits
BT networks (circuits)
RT adders
analogue computer circuits
DEU Summierglied

SUn theory
USE SU(N) theory

sundials
USE astronomical instruments
\+ time measurement

sunlight
SY *sunshine*
RT atmospheric optics
atmospheric radiation
daylighting
sky brightness
solar radiation
DEU Sonnenlicht

sunshine
USE sunlight

sunspots
BT solar activity
SY *Evershed effect*
RT photosphere
DEU Sonnenfleck

Sun
BT dwarf stars
RT solar activity
solar atmosphere
solar composition
solar eclipses

solar evolution
solar interior
solar magnetism
solar polarimetry
solar radiation
solar rotation
solar spectra
solar system
DEU Sonne

super-Earths
USE extrasolar planets

superalloys
BT alloys
PT alloys
superplasticity
DEU Superlegierung

Superaustauschwechselwirkung
DEU for superexchange interactions

Superband
DEU for superstrings

supercapacitors
BT capacitor storage
electrolytic capacitors
power capacitors
SY *double layer capacitors*
electric double layer capacitors
electrical double layer capacitors
electrochemical double layer capacitors
hybrid capacitors
pseudocapacitors
ultracapacitors
PT capacitor storage
power capacitors
RT capacitance
capacitance measurement
electrochemical electrodes
electrolytes
secondary cells
DEU Superkondensator

superchargers
USE compressors
\+ fuel systems

supercomputers
USE mainframes
\+ parallel machines

superconducting arrays
BT arrays
superconducting devices
PT arrays
superconducting junction devices
RT Josephson effect
superconducting junction devices
superconducting microwave devices
DEU supraleitendes Feld

superconducting cables
BT cables (electric)
superconducting transmission lines
SY *cryogenic cables*
PT power cables
superconducting devices
RT multifilamentary superconductors
power cables
DEU Supraleiterkabel

superconducting cavity resonators
BT cavity resonators
superconducting microwave devices
superconducting resonators
PT cavity resonators
superconducting microwave devices
DEU supraleitender Hohlresonator

superconducting coils
BT coils
superconducting devices
PT superconducting magnets
RT multifilamentary superconductors
superconducting magnets
superconducting tapes
DEU supraleitende Wicklung

superconducting critical currents
USE critical currents

superconducting critical field
BT magnetic fields
superconductivity
SY *critical field, superconducting*
PT equilibrium properties of superconductors
superconducting materials
DEU supraleitendes kritisches Feld

superconducting critical temperature
USE superconducting transition temperature

superconducting device noise
BT electron device noise
PT electron device noise
RT superconducting devices
DEU Rauschen supraleitender

Bauelemente

superconducting device reliability
BT reliability
PT reliability
RT superconducting device testing
superconducting devices
DEU Supraleiterbauelementezuverlässigkeit
DSY Supraleiterzuverlässigkeit
Zuverlässigkeit supraleitender Bauelemente

superconducting device testing
BT electron device testing
PT electron device testing
RT superconducting device reliability
superconducting devices
DEU Prüfung supraleitender Bauelemente

superconducting devices
NT superconducting arrays
superconducting coils
superconducting fault current limiters
superconducting filters
superconducting junction devices
superconducting machines
superconducting magnets
superconducting microwave devices
superconducting mixers
superconducting particle detectors
superconducting photodetectors
superconducting resonators
superconducting switches
superconducting transformers
superconducting transmission lines
RT electron device noise
superconducting device noise
superconducting device reliability
superconducting device testing
superconductivity
DEU supraleitendes Bauelement

superconducting energy gap
BT energy gap
superconductivity
SY *energy gap, superconducting*
PT superconducting materials
superconductivity
RT d-wave superconductivity
DEU supraleitende Energielücke
DSY Supraleitungsenergielücke

superconducting epitaxial layers
BT epitaxial layers
superconducting thin films
PT epitaxial layers
RT superconducting materials
superconducting superlattices
DEU supraleitende Epitaxialschicht

superconducting fault current limiters
BT fault current limiters
superconducting devices
SY *SFCL*
PT fault current limiters
superconducting devices
RT current limiting reactors
overcurrent protection
power system protection
DEU supraleitender Fehlerstrombegrenzer

superconducting filters
BT filters
superconducting devices
PT microwave filters
superconducting microwave devices
RT microwave filters
passive filters
superconducting microwave devices
DEU supraleitendes Filter

superconducting infrared detectors
USE infrared detectors
\+ superconducting photodetectors

superconducting integrated circuits
BT integrated circuits
superconducting junction devices
NT superconducting logic circuits
superconducting memory circuits
superconducting processor circuits
PT superconducting junction devices
RT analogue-digital conversion
digital integrated circuits
SQUIDs
superconducting transistors
DEU integrierter Supraleitungsschaltkreis

superconducting interconnections
BT interconnections
superconducting junction devices
PT superconducting junction devices
RT integrated circuit interconnections
DEU supraleitende Verbindung

superconducting junction devices
BT superconducting devices
NT SQUIDs
superconducting integrated circuits
superconducting interconnections
superconducting microbridges
superconducting transistors
superconductor-insulator-superconductor devices
superconductor-normal-superconductor devices
SY *coupled superconductor devices*
Josephson junction devices
weak links, superconducting
PT superconducting junctions
RT Josephson effect
proximity effect (superconductivity)
single electron devices
superconducting arrays
superconducting logic circuits
superconducting memory circuits
superconducting microwave devices
superconducting mixers
superconducting photodetectors
superconducting processor circuits
superconducting switches
superconductive tunnelling
superconductor-semiconductor boundaries
DEU supraleitendes Übergangsbauelement

superconducting junctions
DEU Supraleiterübergang

superconducting lenses
USE magnetic lenses

superconducting logic circuits
BT logic circuits
superconducting integrated circuits
SY *Josephson logic circuits*
PT logic circuits
superconducting junction devices
RT Josephson effect
superconducting junction devices
DEU supraleitender Logikschaltkreis

superconducting machines
BT electric machines
superconducting devices
PT electric machines
RT superconducting magnets
DEU Supraleitungsmaschine

superconducting magnet energy storage
BT energy storage
PT energy storage
superconducting magnets
RT superconducting magnets
DEU supraleitender Magnetenergiespeicher

superconducting magnets
BT electromagnets
superconducting devices
UF *accelerator superconducting magnets / accelerator magnets* + *superconducting magnets*
SY *solenoids, superconducting*
RT accelerator magnets
magnetic levitation
multifilamentary superconductors
persistent currents
superconducting coils
superconducting machines
superconducting magnet energy storage
superconducting tapes
superconducting transformers
DEU supraleitender Magnet

superconducting materials
BT materials
NT composite superconductors
dirty superconductors
granular superconductors
heavy fermion superconductors
high-temperature superconductors
magnetic superconductors
organic superconductors
pnictide superconductors
strong-coupling superconductors
superconducting semiconductors
superconducting tapes
type I superconducting materials
type I superconductors
type II superconducting materials
type II superconductors
UF *superconductors / superconducting materials* + *superconductivity*
RT conductors (electric)
fullerene compounds
fusion reactor materials
Kapitza resistance
microwave materials
superconducting epitaxial layers
superconducting thin films
superconductivity
DEU supraleitendes Material

superconducting memory circuits
BT digital storage
superconducting integrated circuits
SY *Josephson memory circuits*
PT cryoelectric stores
superconducting junction devices
RT Josephson effect
superconducting junction devices
DEU supraleitender Speicherschaltkreis

superconducting microbridges
BT superconducting junction devices
SY *microbridges, superconducting*
UF *nanobridges, superconducting / nanotechnology + superconducting microbridges*
PT superconducting junction devices
RT superconducting microwave devices
DEU supraleitende Mikrobrücke

superconducting microprocessors
USE superconducting processor circuits

superconducting microstrips
USE microstrip lines
+ superconducting microwave devices

superconducting microwave devices
BT microwave devices
superconducting devices
NT superconducting cavity resonators
UF *superconducting microstrips / microstrip lines + superconducting microwave devices*
UF *superconducting striplines / strip lines + superconducting microwave devices*
PT superconducting devices
superconducting junction devices
RT microwave parametric devices
microwave resonators
strip line components
strip lines
submillimetre wave devices
superconducting arrays
superconducting filters
superconducting junction devices
superconducting microbridges
superconducting mixers
superconducting resonators
superconducting transmission lines
superconductor-insulator-superconductor mixers
DEU supraleitendes Mikrowellenbauelement

superconducting mixers
BT mixers (circuits)
superconducting devices
NT superconductor-insulator-superconductor mixers
PT mixers (circuits)
RT superconducting junction devices
superconducting microwave devices
DEU supraleitender Frequenzumsetzer

superconducting particle detectors
BT particle detectors
superconducting devices
UF *superconducting X-ray detectors / superconducting particle detectors + X-ray detection*
PT particle detectors
superconducting devices
RT radiation detection
superconducting photodetectors
DEU supraleitender Partikeldetektor
DSY supraleitender Teilchendetektor

superconducting photodetectors
BT photodetectors
superconducting devices
UF *superconducting infrared detectors / infrared detectors + superconducting photodetectors*
UF *superconducting ultraviolet detectors / superconducting photodetectors + ultraviolet detectors*
PT infrared detectors
photodetectors
ultraviolet detectors
RT infrared detectors
superconducting junction devices
superconducting particle detectors
ultraviolet detectors
DEU supraleitender Fotodetektor
DSY supraleitender Lichtempfänger
supraleitender Photodetektor

superconducting processor circuits
BT superconducting integrated circuits
SY *superconducting microprocessors*
PT microprocessor chips
superconducting junction devices
RT digital signal processing chips
microprocessor chips
superconducting junction devices
DEU supraleitende

Prozessorschaltkreis

superconducting properties
USE superconductivity

superconducting property
USE superconductivity

superconducting quantum interference devices
USE SQUIDs
DEU Halbleiterquanteninterferenzgerät

superconducting resonators
BT resonators
superconducting devices
NT superconducting cavity resonators
PT resonators
superconducting devices
RT microwave resonators
superconducting microwave devices
DEU supraleitender Resonator

superconducting semiconductor materials
USE superconducting semiconductors

superconducting semiconductors
BT degenerate semiconductors
superconducting materials
SY *superconducting semiconductor materials*
PT semiconductor materials
superconducting materials
RT heavily doped semiconductors
DEU supraleitender Halbleiter

superconducting striplines
USE strip lines
\+ superconducting microwave devices

superconducting superlattices
BT superlattices
PT superconducting epitaxial layers
superconducting thin films
superlattices
RT superconducting epitaxial layers
superconducting thin films
DEU Supraleiterübergitter
DSY Supraleitungsupergitter

superconducting switches
BT superconducting devices
switches
SY *cryotrons*
PT superconducting devices
superconducting junction devices
switches
RT microwave switches
superconducting junction devices
DEU supraleitender Schalter
DSY supraleitendes Schalterelement
Supraleitungsschalter

superconducting tapes
BT superconducting materials
PT composite superconductors
RT composite superconductors
multifilamentary superconductors
superconducting coils
superconducting magnets
DEU supraleitendes Band

superconducting thin films
BT thin films
NT superconducting epitaxial layers
PT superconducting materials
thin films
RT buffer layers
diffusion barriers
superconducting materials
superconducting superlattices
superconductor-semiconductor boundaries
surface impedance
surface resistance
DEU supraleitende dünne Schicht
DSY supraleitende Dünnschicht
Supraleiterdünnschicht

superconducting transformers
BT superconducting devices
transformers
PT power transformers
superconducting devices
transformers
RT power transformers
superconducting magnets
DEU supraleitender Transformator

superconducting transistors
BT superconducting junction devices
transistors
PT superconducting junction devices
transistors
RT single electron transistors
superconducting integrated circuits
superconductor-semiconductor boundaries
DEU Supraleitungstransistor

superconducting transition
NT superconducting transition point
DEU Halbleiterübergang

superconducting transition point
BT superconducting transition
DEU Supraleiterübergangspunkt
DSY Supraleitungsübergangspunkt

superconducting transition temperature
BT superconductivity
temperature
SY *critical temperature, superconducting*
superconducting critical temperature
PT superconducting transition point
RT high-temperature superconductors
pnictide superconductors
superconducting transitions
DEU Supraleitungssprungtemperatur
DSY Supraleitungsübergangstemperatur

superconducting transitions
BT phase transformations
superconductivity
SY *superconductor-insulator transition*
PT superconducting transition temperature
RT fluctuations in superconductors
Kosterlitz-Thouless transition
superconducting transition temperature
DEU Supraleitungsübergang

superconducting transmission lines
BT superconducting devices
transmission lines
NT superconducting cables
RT power transmission lines
superconducting microwave devices
DEU Supraleitungsübertragungsleitung

superconducting ultraviolet detectors
USE superconducting photodetectors
\+ ultraviolet detectors

superconducting X-ray detectors
USE superconducting particle detectors
\+ X-ray detection

superconductive tunneling
USE superconductive tunnelling

superconductive tunnelling
BT superconductivity
tunnelling
NT Josephson effect
proximity effect (superconductivity)
SY *superconductive tunneling*
PT superconducting materials
superconductivity
tunnelling
RT Coulomb blockade
d-wave superconductivity
superconducting junction devices
tunnelling spectra
tunnelling spectroscopy
DEU Supraleitungstunnel

superconductivity
BT electrical conductivity
NT Bean model
coherence length
composite superconductors
Cooper pairs
critical currents
d-wave superconductivity
dirty superconductors
fluctuations in superconductors
heavy fermion superconductors
high-temperature superconductors
Meissner effect
organic superconductors
penetration depth (superconductivity)
pnictide superconductors
strong-coupling superconductors
superconducting critical field
superconducting energy gap
superconducting transition temperature
superconducting transitions
superconductive tunnelling
t-J model
type I superconductors
type II superconductors
SY *superconducting properties*
superconducting property
UF *superconductors / superconducting materials + superconductivity*
RT BCS theory
Bose-Einstein condensation
Fermi liquid
Ginzburg-Landau theory
magnetic field effects
Peierls instability
superconducting devices
superconducting materials
superfluidity
DEU Supraleitfähigkeit
DSY Supraleitung

superconductor-insulator transition
USE superconducting transitions

superconductor-insulator-superconductor devices
BT superconducting junction devices
NT superconductor-insulator-superconductor mixers
PT superconducting junction devices
RT submillimetre wave receivers
DEU Halbleiter-Isolator-Halbleiter-Gerät

superconductor-insulator-superconductor mixers
BT superconducting mixers
superconductor-insulator-superconductor devices
PT mixers (circuits)
superconducting junction devices
RT microwave mixers
millimetre wave mixers
submillimetre wave mixers
superconducting microwave devices
DEU Halbleiter-Isolator-Halbleiter-Frequenzumsetzer

superconductor-normal-superconductor devices
BT superconducting junction devices
SY *SNS junctions*
PT superconducting junction devices
RT Josephson effect
DEU Supraleiter-Normal-Supraleiter-Bauelement
DSY Supraleiter-Normal-Supraleiter-Gerät

superconductor-semiconductor boundaries
BT interface phenomena
RT superconducting junction devices
superconducting thin films
superconducting transistors
DEU Supraleiter-Halbleiter-Grenze

superconductors
USE superconducting materials
\+ superconductivity

superconformal field theory
USE conformal field theory
\+ supersymmetric field theory

supercontinuum generation
BT nonlinear optics
PT high-speed optical techniques
RT high-speed optical techniques
holey fibres
laser beams
light sources
optical fibres
photonic crystals
DEU Superkontinuumgenerierung
DSY weißes Laserlicht

supercooling
BT cooling
RT undercooling
DEU Supertiefkühlung

superexchange interactions
BT exchange interactions (electron)
PT exchange interactions (electron)
RT antiferromagnetism
DEU Superaustauschwechselwirkung

superflüssiges Helium-3
DEU for superfluid helium-3

superflüssiges Helium-4
DEU for superfluid helium-4

Superflüssighelium-3
DUS für superfluid helium-3

Superflüssighelium-4
DUS für superfluid helium-4

superfluid helium-3
BT liquid helium-3
SY *3He-A*
3He-B
PT liquid helium-3
superfluidity
RT superfluidity
DEU superflüssiges Helium-3
DSY Superflüssighelium-3

superfluid helium-4
BT liquid helium-4
SY *fountain effect*
helium II
lambda point
PT liquid helium-4
superfluidity
RT superfluidity
DEU superflüssiges Helium-4
DSY Superflüssighelium-4

superfluidity
RT Bose-Einstein condensation
many-body problems
quantum fluids
superconductivity
superfluid helium-3
superfluid helium-4
viscosity
vortices

DEU Suprafluidität

superfluorescence
USE superradiance

supergiant stars
BT stars
NT OH-IR stars
UF *alpha Cam stars / supergiant stars + variable stars*
SY *alpha Cyg stars*
UF *asymptotic giant branch stars / giant stars + supergiant stars*
UF *barium II stars / binary stars + giant stars + supergiant stars*
SY *BC stars*
UF *H-S variables / supergiant stars + variable stars*
SY *Hd stars*
HdC stars
UF *Hubble-Sandage variables / supergiant stars + variable stars*
UF *hybrid spectrum supergiants / giant stars + supergiant stars*
SY *hydrogen deficient stars*
hypergiants
UF *Lc variables / supergiant stars + variable stars*
UF *Li stars / giant stars + supergiant stars*
UF *NML Cyg stars / giant stars + infrared sources (astronomical) + supergiant stars*
UF *NML Tau stars / giant stars + infrared sources (astronomical) + supergiant stars*
UF *OBA(PC) stars / Large Magellanic Cloud + supergiant stars*
SY *OBC stars*
UF *P Cyg stars / supergiant stars + variable stars*
UF *peculiar A supergiants / Magellanic Clouds + supergiant stars*
UF *pseudocepheids / supergiant stars + variable stars*
UF *R CrB stars / supergiant stars + variable stars*
UF *rho Cas stars / supergiant stars + variable stars*
UF *RV Tau stars / supergiant stars + variable stars*
UF *RW Cep stars / supergiant stars + variable stars*
UF *S Dor stars / supergiant stars + variable stars*
UF *SLR stars / giant stars + supergiant stars*
UF *SRc stars / supergiant stars + variable stars*
UF *SRd stars / supergiant stars + variable stars*
SY *supermassive stars*
UF *SX Cen stars / supergiant stars + variable stars*
UF *upsilon Sgr stars / eclipsing binary stars + supergiant stars*
UF *UU Her stars / supergiant stars + variable stars*
UF *VV Cep stars / eclipsing binary stars + supergiant stars*
UF *VX Sgr stars / supergiant stars + variable stars*
UF *yellow semi-regular variables / supergiant stars + variable stars*
UF *zeta Aur stars / eclipsing binary stars + supergiant stars*
PT giant stars
RT giant stars
DEU Superriesenstern

Supergitter
DEU for superlattices

Supergravitie
DEU for supergravity

supergravity
BT gauge field theory
quantum gravity
supersymmetric field theory
unified field theories
PT quantum field theory of gravitation
unified field theories
RT elementary particle gravitational interactions
supersymmetry
unified gauge models
DEU Supergravitie

superheating
USE heat transfer

superheavy nuclei
BT nuclei with mass number 220 or higher
PT nuclei with 150 less-than, equal or similar to A less-than, equal or similar to 189
RT nucleosynthesis
DEU superschwerer Atomkern
DSY superschwerer Kern

superheterodyne receivers
BT radio receivers
PT radio receivers
RT mixers (circuits)

radiofrequency amplifiers
radiofrequency filters
radiofrequency oscillators
DEU Überlagerungsempfänger

superionic conductivity
BT ionic conductivity
UF *fast ion conductors / solid electrolytes* + *superionic conductivity*
PT superionic conducting materials
RT solid electrolytes
DEU superionische Leitfähigkeit

superionische Leitfähigkeit
DEU for superionic conductivity

Superkondensator
DEU for supercapacitors

Superkontinuumgenerierung
DEU for supercontinuum generation

superlattices
BT multilayers
NT metallic superlattices
semiconductor superlattices
superconducting superlattices
UF *optical superlattices / optical multilayers* + *superlattices*
PT crystal atomic structure
crystal microstructure
RT commensurate-incommensurate transformations
crystal microstructure
crystal structure
Fibonacci sequences
magnetic multilayers
order-disorder transformations
periodic structures
quantum wells
solid solutions
DEU Supergitter

Superlegierung
DEU for superalloys

superluminal motion
USE galactic nuclei
\+ quasars
\+ radiogalaxies

superluminescence
USE superradiance

superluminescent diodes
BT light emitting diodes
PT light emitting diodes
RT semiconductor lasers
superradiance
DEU Superlumineszenzdiode

Superlumineszenzdiode
DEU for superluminescent diodes

supermassive stars
USE supergiant stars

supermembranes
USE membrane theory
\+ supersymmetry

Supernova
DEU for supernovae

supernova remnants
BT nebulae
UF *cometary globules / interstellar matter* + *supernova remnants*
SY *SNR*
PT nebulae
supernovae
RT pulsars
radiosources (astronomical)
supernovae
X-ray sources (astronomical)
DEU Supernovarest
DSY Supernovaüberrest

supernovae
BT stars
PT novae
RT gravitational collapse
supernova remnants
DEU Supernova

Supernovarest
DEU for supernova remnants

Supernovaüberrest
DUS für supernova remnants

superparamagnetism
BT magnetism
PT ferromagnetism
RT magnetic particles
DEU Superparamagnetismus

Superparamagnetismus
DEU for superparamagnetism

superplasticity
BT plastic deformation
PT plasticity
DEU Superplastizität

Superplastizität
DEU for superplasticity

superradiance
BT emission
NT acoustic superradiance
SY *amplified spontaneous emission*
UF *cooperative resonant Stokes radiation / fluorescence + superradiance*
SY *spontaneous emission, amplified*
superfluorescence
superluminescence
PT stimulated emission
RT luminescence
population inversion
spontaneous emission
superluminescent diodes
DEU Superstrahlung

Superrechner
DEU for parallel machines

Superriesenstern
DEU for supergiant stars

Superschallstrahlung
DUS für acoustic superradiance

superschwerer Atomkern
DEU for superheavy nuclei

superschwerer Kern
DUS für superheavy nuclei

supersonic flow
BT flow
NT hypersonic flow
SY *supersonics*
RT aerodynamics
compressible flow
Mach number
shock waves
subsonic flow
transonic flow
wind tunnels
DEU Überschallströmung

supersonics
USE supersonic flow

Superstrahlung
DEU for superradiance

Superstring
DUS für superstrings

superstring vacuum
USE superstrings
+ vacuum (elementary particles)

Superstring-Theorie
DUS für superstrings

superstrings
BT string theory
supersymmetry
unified field theories
SY *heterotic strings*
UF *superstring vacuum / superstrings + vacuum (elementary particles)*
PT string theory
supersymmetry
unified field theories
RT M-theory
DEU Superband
DSY Superstring
Superstring-Theorie

supersymmetric field theory
BT quantum field theory
NT minimal supersymmetric standard model
supergravity
UF *superconformal field theory / conformal field theory + supersymmetric field theory*
PT quantum field theory
supersymmetry
RT gauge field theory
supersymmetry
unified field theories
DEU supersymmetrische Feldtheorie

supersymmetric particles
USE sparticles

supersymmetric quantum mechanics
BT quantum theory
PT quantum theory
supersymmetry
RT supersymmetry
DEU Supersymmetriequantenmechanik
DSY supersymmetrische Quantenmechanik

Supersymmetrie
DEU for supersymmetry

Supersymmetriequantenmechanik
DEU for supersymmetric quantum mechanics

supersymmetrische Feldtheorie
DEU for supersymmetric field theory

supersymmetrische Quantenmechanik
DUS für supersymmetric quantum mechanics

supersymmetry
BT elementary particle symmetry
NT superstrings
UF *supermembranes / membrane theory + supersymmetry*
PT elementary particle symmetry
RT minimal supersymmetric standard model
quantum field theory
sparticle production
sparticles
string theory
supergravity
supersymmetric field theory
supersymmetric quantum mechanics
DEU Supersymmetrie

Supertiefkühlung
DEU for supercooling

supervised learning
USE learning (artificial intelligence)

Supervisorprogramm
DEU for supervisory programs

supervisors (programs)
USE supervisory programs

Supervisorsteuerungs- und Datenerwerbungssystem
DUS für SCADA systems

Supervisorsteuerungs- und Datenübernahmesystem
DUS für SCADA systems

supervisory circuits
USE reference circuits

supervisory control and data acquisition systems
USE SCADA systems

supervisory programs
BT operating systems (computers)
NT batch processing (computers)
multiprogramming
online operation
time-sharing programs
SY *directors (programs)*
executive programs
monitor programs
monitors (computer software)
supervisors (programs)
PT supervisory and executive programs
RT network operating systems
power aware computing
storage allocation
system monitoring
telecommunication network management
DEU Supervisorprogramm

supplier selection
USE supply chain management

supply and demand
BT economics
PT economics
RT microeconomics
utility theory
DEU Angebot und Nachfrage

supply chain management
BT management
NT procurement
SY *SCM supply chains*
supplier selection
PT management information systems
purchasing
stock control
RT capacity planning (manufacturing)
customer relationship management
electronic commerce
logistics data processing
management information systems
materials requirements planning
production control
production management
purchasing
reverse logistics
stock control
supply chains
DEU Versorgungsmanagement

supply chains
BT logistics
PT supply chain management
RT procurement
supply chain management
DEU Versorgung

Support Vector Machine
DUS für support vector machines

support vector machines
BT learning automata
UF *support vector regression / regression analysis* + *support vector machines*
SY *SVM*
PT learning automata
RT feature selection
learning (artificial intelligence)
pattern classification
DEU Hilfsvektormaschine
DSY Support Vector Machine
Support-Vektor-Maschine
Support-Vektor-Maschine (SVM)
SVM (Support-Vektor-Maschine)

support vector regression
USE regression analysis
\+ support vector machines

Support-Vektor-Maschine
DUS für support vector machines

Support-Vektor-Maschine (SVM)
DUS für support vector machines

supports
BT mechanical products
NT poles and towers
UF *girders / beams (structures)* + *supports*
SY *trusses*
RT bushings
construction components
deployable structures
insulators
machine bearings
power systems
DEU Stütze (Kabel)
DSY Träger (Kabel)

suppressors (surge)
USE surge protection

Suprafluidität
DEU for superfluidity

supraleitende dünne Schicht
DEU for superconducting thin films

supraleitende Dünnschicht
DUS für superconducting thin films

supraleitende Energielücke
DEU for superconducting energy gap

supraleitende Epitaxialschicht
DEU for superconducting epitaxial layers

supraleitende Mikrobrücke
DEU for superconducting microbridges

supraleitende Prozessorschaltkreis
DEU for superconducting processor circuits

supraleitende Verbindung
DEU for superconducting interconnections

supraleitende Wicklung
DEU for superconducting coils

supraleitender Fehlerstrombegrenzer
DEU for superconducting fault current limiters

supraleitender Fotodetektor
DEU for superconducting photodetectors

supraleitender Frequenzumsetzer
DEU for superconducting mixers

supraleitender Halbleiter
DEU for superconducting semiconductors

supraleitender Hohlresonator
DEU for superconducting cavity resonators

supraleitender Lichtempfänger
DUS für superconducting photodetectors

supraleitender Logikschaltkreis
DEU for superconducting logic circuits

supraleitender Magnet
DEU for superconducting magnets

supraleitender Magnetenergiespeicher
DEU for superconducting magnet energy storage

supraleitender Partikeldetektor
DEU for superconducting particle detectors

supraleitender Photodetektor
DUS für superconducting photodetectors

supraleitender Resonator
DEU for superconducting resonators

supraleitender Schalter
DEU for superconducting switches

supraleitender Speicher
DEU for cryoelectric stores

supraleitender Speicherschaltkreis
DEU for superconducting memory circuits

supraleitender Teilchendetektor
DUS für superconducting particle detectors

supraleitender Transformator
DEU for superconducting transformers

supraleitendes Band
DEU for superconducting tapes

supraleitendes Bauelement
DEU for superconducting devices

supraleitendes Feld
DEU for superconducting arrays

supraleitendes Filter
DEU for superconducting filters

supraleitendes kritisches Feld
DEU for superconducting critical field

supraleitendes Material
DEU for superconducting materials

supraleitendes Mikrowellenbauelement
DEU for superconducting microwave devices

supraleitendes Quanteninterferenzbauelement
DUS für SQUIDs

supraleitendes Quantenmagnetometer
DUS für SQUID magnetometers

supraleitendes Schalterelement
DUS für superconducting switches

supraleitendes Übergangsbauelement
DEU for superconducting junction devices

Supraleiter erster Art
DEU for type I superconductors

Supraleiter zweiter Art
DEU for type II superconductors

Supraleiter-Halbleiter-Grenze
DEU for superconductor-semiconductor boundaries

Supraleiter-Normal-Supraleiter-Bauelement
DEU for superconductor-normal-superconductor devices

Supraleiter-Normal-Supraleiter-Gerät
DUS für superconductor-normal-superconductor devices

Supraleiterbauelementezuverlässigkeit
DEU for superconducting device reliability

Supraleiterdünnschicht
DUS für superconducting thin films

Supraleiterfluktuation
DUS für fluctuations in superconductors

Supraleiterkabel
DEU for superconducting cables

Supraleitermaterial Typ II
DEU for type II superconducting materials

Supraleiterübergang
DEU for superconducting junctions

Supraleiterübergangspunkt
DEU for superconducting transition point

Supraleiterübergitter
DEU for superconducting superlattices

Supraleiterwechselstromgenerator
DUS für AC generators

Supraleiterwerkstoff Typ II
DUS für type II superconducting materials

Supraleiterzuverlässigkeit
DUS für superconducting device reliability

Supraleitfähigkeit
DEU for superconductivity

Supraleitung
DUS für superconductivity

Supraleitungsenergielücke
DUS für superconducting energy gap

Supraleitungsmaschine
DEU for superconducting machines

Supraleitungsschalter
DUS für superconducting switches

Supraleitungssprungtemperatur
DEU for superconducting transition temperature

Supraleitungstransistor
DEU for superconducting transistors

Supraleitungstunnel
DEU for superconductive tunnelling

Supraleitungsübergang
DEU for superconducting transitions

Supraleitungsübergangspunkt
DUS für superconducting transition point

Supraleitungsübergangstemperatur
DUS für superconducting transition temperature

Supraleitungsübertragungsleitung
DEU for superconducting transmission lines

Supraleitungsupergitter
DUS für superconducting superlattices

surface acoustic wave convolution
BT acoustic convolution
surface acoustic wave signal processing
SY *SAW convolution*
surface acoustic wave convolvers
PT acoustic signal processing
surface acoustic wave devices
DEU Oberflächenschallwellenfaltung
DSY Oberflächenschallwellenkonvolution
Oberflächenwellenfaltung
Oberflächenwellenkonvolution

surface acoustic wave convolvers
USE surface acoustic wave convolution

surface acoustic wave correlation
BT acoustic correlation
surface acoustic wave signal processing
SY *SAW correlation*
surface acoustic wave correlators
PT acoustic signal processing
surface acoustic wave devices
DEU Oberflächenwellenkorrelation

surface acoustic wave correlators
USE surface acoustic wave correlation

surface acoustic wave couplers
BT acoustic couplers
surface acoustic wave devices
SY *SAW couplers*
PT surface acoustic wave devices
RT surface acoustic wave waveguides
DEU akustischer Oberflächenwellenkoppler
DSY Oberflächenschallwellenkoppler

surface acoustic wave delay lines
BT acoustic delay lines
surface acoustic wave devices
SY *SAW delay lines*
PT acoustic delay lines
surface acoustic wave devices
ultrasonic delay lines
RT ultrasonic delay lines
DEU Akustikoberflächenwellenverzögeru ngsleitung
DSY akustischen Oberflächenwellenverzögerungsleitu ng
Oberflächenwellenverzögerungsspu r

surface acoustic wave devices
BT acoustic devices
NT surface acoustic wave couplers
surface acoustic wave delay lines
surface acoustic wave filters
surface acoustic wave oscillators
surface acoustic wave resonators
surface acoustic wave sensors
surface acoustic wave signal processing
surface acoustic wave transducers
surface acoustic wave waveguides
SY *acoustic surface wave devices*
SAW devices
surface transverse wave devices
PT acoustic surface wave devices
RT acoustic charge transport devices
acoustic microwave devices
bulk acoustic wave devices

microwave devices
piezoelectric devices
surface acoustic waves
DEU akustische Oberflächenwellenanordnung
DSY Oberflächenschallwellenbauelement
Oberflächenschallwellengerät

surface acoustic wave filters
BT acoustic filters
crystal filters
passive filters
surface acoustic wave devices
NT surface acoustic wave resonator filters
SY *SAW filters*
PT crystal filters
surface acoustic wave devices
RT acoustic charge transport devices
resonator filters
surface acoustic wave signal processing
transversal filters
DEU akustisches Oberflächenwellenfilter
DSY Oberflächenakustikwellenfilter
Oberflächenschallwellenfilter

surface acoustic wave oscillators
BT crystal oscillators
surface acoustic wave devices
SY *SAW oscillators*
PT surface acoustic wave devices
RT crystal resonators
surface acoustic wave resonators
DEU akustischen Oberflächenwellenoszillator
DSY Oberflächenschallwellenoszillator
Oberflächenwellenoszillator (akustisch)

surface acoustic wave resonator filters
BT acoustic resonator filters
surface acoustic wave filters
SY *SAW resonator filters*
PT surface acoustic wave filters
RT surface acoustic wave resonators
DEU akustischer Oberflächenwellenresonatorfilter
DSY Oberflächenschallwellenresonatorfilter

surface acoustic wave resonators
BT acoustic resonators
crystal resonators
surface acoustic wave devices
SY *SAW resonators*
PT acoustic resonators
crystal resonators
surface acoustic wave devices
RT surface acoustic wave oscillators
surface acoustic wave resonator filters
UHF resonators
DEU akustischer Oberflächenwellen-Resonator
DSY akustischer Oberflächenwellenresonator
Oberflächenakustikwellenresonator
Oberflächenschallresonator
Oberflächenschallwellen-Resonator
Oberflächenschallwellenresonator
OFW-Resonator
Resonator für akustische Oberflächenwellen
Resonator für Oberflächenschallwellen
Resonator mit Oberflächenschallwellen
SAW-Resonator
SAW-Resonator, OFW-Resonator

surface acoustic wave sensors
BT sensors
surface acoustic wave devices
SY *SAW sensors*
PT surface acoustic wave devices
RT acoustic resonators
crystal resonators
surface acoustic wave transducers
ultrasonic transducers
DEU Oberflächenschallwellensensor

surface acoustic wave signal processing
BT acoustic signal processing
surface acoustic wave devices
NT surface acoustic wave convolution
surface acoustic wave correlation
SY *SAW signal processing*
PT acoustic signal processing
surface acoustic wave devices
RT chirp modulation
surface acoustic wave filters
DEU Oberflächenwellensignalverarbeitung

surface acoustic wave transducers
BT acoustic transducers
surface acoustic wave devices
SY *SAW transducers*
PT acoustic transducers
surface acoustic wave devices
ultrasonic transducers

RT acoustoelectric transducers
interdigital transducers
surface acoustic wave sensors
ultrasonic transducers
DEU Oberflächenwellenwandler

surface acoustic wave waveguides
BT acoustic waveguides
surface acoustic wave devices
SY *SAW waveguides*
PT acoustic waveguides
surface acoustic wave devices
RT surface acoustic wave couplers
DEU Oberflächenschallwellenleiter

surface acoustic waves
BT acoustic waves
surface phenomena
SY *acoustic surface waves*
Gulyaev-Bleustein waves
Lamb waves
SAW
Stoneley waves
PT acoustic surface waves
RT Rayleigh waves
surface acoustic wave devices
surface phonons
DEU Oberflächenschallwelle

surface activity
USE surface energy

surface alloying
BT alloying
surface treatment
PT surface treatment
RT alloying additions
laser hardening
surface hardening
DEU Oberflächenlegieren
DSY Oberflächenlegierung

surface charging
BT static electrification
surface phenomena
triboelectricity
SY *charging, contact*
PT static electrification
RT charge injection
spacecraft charging
surface discharges
DEU Oberflächenladung

surface chemistry
BT physical chemistry
surface phenomena
SY *interfacial chemistry*
surface reactions
PT chemical reactions
surface phenomena
RT catalysis
chemisorption
corrosion
hydrogenation
nitridation
oxidation
pickling (materials processing)
plasma chemistry
reduction (chemical)
surface collisions
surface composition
DEU Oberflächenchemie

surface cleaning
BT cleaning
surface treatment
NT pickling (materials processing)
ultrasonic cleaning
PT surface treatment
RT printed circuit manufacture
semiconductor technology
shot peening
surface contamination
DEU Oberflächenreinigung

surface collisions
BT collision processes
surface phenomena
NT atom-surface impact
electron-surface impact
ion-surface impact
molecule-surface impact
positron-surface impact
sputtering
surface ionisation
RT surface chemistry
surface scattering
DEU Oberflächenkollision

surface composition
BT surface structure
PT surface structure
RT sorption
surface chemistry
surface segregation
surface treatment
DEU Oberflächenzusammensetzung

surface conductivity
BT electrical conductivity
surface phenomena
PT surface phenomena
RT surface impedance
surface photovoltage
surface recombination
surface resistance

surface scattering
topological insulators
DEU Oberflächenleitfähigkeit

surface contamination
BT contamination
surface phenomena
PT surface structure
RT decontamination
impurities
semiconductor technology
surface cleaning
surface structure
surface topography
surface treatment
DEU Oberflächenkontamination

surface contours
USE surface topography

surface cracks
BT cracks
surface phenomena
NT crazing
SY *cracks, surface*
PT crack-edge stress field analysis
cracks
crazing
fatigue cracks
RT crack detection
crack-edge stress field analysis
fatigue cracks
stress corrosion cracking
DEU Oberflächenriss

surface diffusion
BT diffusion
surface phenomena
PT diffusion
RT sorption
surface segregation
DEU Oberflächendiffusion

surface discharges
BT discharges (electric)
surface phenomena
NT corona
UF *tracking (insulation) / insulation testing + surface discharges*
RT flashover
insulating materials
insulation
insulator contamination
insulator testing
insulators
surface charging
voltage distribution
DEU Oberflächenenladung

surface dynamics
BT dynamics
surface phenomena
NT surface phonons
SY *surface vibrations*
RT lattice dynamics
surface structure
DEU Oberflächendynamik

surface electromagnetic waves
BT electromagnetic waves
surface phenomena
SY *electromagnetic surface waves*
EM surface waves
surface EM waves
RT diffraction gratings
magnetostatic surface waves
plasma waves
polaritons
surface plasmons
DEU elektromagnetische Oberflächenwelle

surface electron states
USE surface states

surface EM waves
USE surface electromagnetic waves

surface emitting lasers
BT lasers
SY *VCSEL*
vertical cavity surface emitting lasers
PT semiconductor laser arrays
semiconductor lasers
RT laser cavity resonators
microcavity lasers
semiconductor laser arrays
semiconductor lasers
DEU VCSEL-Laser

surface energy
BT surface phenomena
thermodynamic properties
SY *energy, surface*
interfacial energy
surface activity
RT surface energy measurement
surface states
DEU Oberflächenenergie

surface energy measurement
BT measurement
PT surface energy
RT interface phenomena
surface energy
DEU Oberflächenenergiemessung

surface enhanced Raman scattering
BT Raman spectra
surface phenomena
SY *SERS*
PT Raman spectra
RT adsorbed layers
DEU Oberflächenhöhen-Raman-Streuung

surface finishing
BT finishing
surface treatment
NT burnishing
deburring
sandblasting
UF *magnetic abrasion finishing / abrasion + surface finishing*
PT surface treatment
RT lapping (machining)
polishing
shot peening
surface topography
DEU Oberflächenveredlung

surface fitting
BT numerical analysis
NT response surface methodology
PT curve fitting
RT computational geometry
computer graphics
curve fitting
data analysis
data visualisation
splines (mathematics)
DEU Oberflächenanpassung

surface hardening
BT hardening
surface treatment
NT laser hardening
SY *boronising*
carbonitriding
carburising
chromising
nitriding
PT hardness
surface treatment
RT cold working
shot peening
surface alloying
DEU Oberflächenhärten

surface impedance
BT electric impedance
surface phenomena
NT surface resistance
PT electric impedance
surface conductivity
RT high-frequency effects
high-temperature superconductors
superconducting thin films
surface conductivity
DEU Oberflächenimpedanz

surface ionisation
BT ionisation
surface collisions
SY *surface ionization*
DEU Oberflächenionisation

surface ionization
USE surface ionisation

surface magnetism
BT magnetism
surface phenomena
NT magnetostatic surface waves
SY *magnetic surface phenomena*
PT magnetic surface phenomena
RT interface magnetism
magnetic force microscopy
DEU Oberflächenmagnetismus

surface measurement
BT measurement
DEU Oberflächenmessung

surface morphology
BT surface structure
PT surface structure
surface topography
RT crystal morphology
surface texture
surface topography
DEU Oberflächenmorphologie

surface mount technology
BT electronics packaging technology
SY *SMD*
SMT
surface mounted devices
PT integrated circuit technology
packaging
printed circuits
RT assembling
ball grid arrays
chip scale packaging
chip-on-board packaging
fine-pitch technology
integrated circuit bonding
integrated circuit packaging
integrated circuit technology
plastic packaging
printed circuit manufacture
printed circuits

reflow soldering
tape automated bonding
wave soldering
DEU Oberflächenmontagetechnologie

surface mounted devices
USE surface mount technology

surface phase transformations
BT phase transformations
surface phenomena
RT adsorbed layers
interface structure
surface reconstruction
surface structure
wetting
DEU Oberflächenphasentransformation

surface phenomena
NT capillarity
contact angle
rough surfaces
sorption
surface acoustic waves
surface charging
surface chemistry
surface collisions
surface conductivity
surface contamination
surface cracks
surface diffusion
surface discharges
surface dynamics
surface electromagnetic waves
surface energy
surface enhanced Raman scattering
surface impedance
surface magnetism
surface phase transformations
surface potential
surface recombination
surface scattering
surface segregation
surface states
surface structure
surface tension
surface waves (fluid)
surfactants
wetting
RT adhesion
adsorbed layers
adsorption
chemisorbed layers
electron emission
environmental degradation
field evaporation
films
interface phenomena
porosity
surface treatment
DEU Oberflächenphänomene

surface phonons
BT phonons
surface dynamics
PT crystal surface and interface vibrations
RT interface phonons
phonon-plasmon interactions
surface acoustic waves
DEU Oberflächenphonon

surface photovoltage
BT photovoltaic effects
PT photovoltaic effects
RT carrier lifetime
surface conductivity
surface potential
surface states
DEU Oberflächenphotospannung

surface plasmon resonance
BT resonance
surface plasmons
PT surface plasmons
RT electromagnetic metamaterials
microwave metamaterials
optical metamaterials
optical sensors
reflectivity
terahertz metamaterials
DEU Oberflächenplasmonresonanz

surface plasmons
BT plasmons
surface states
NT surface plasmon resonance
PT plasmons
RT electromagnetic metamaterials
microwave metamaterials
optical metamaterials
phonon-plasmon interactions
plasmonics
surface electromagnetic waves
terahertz metamaterials
DEU Oberflächenplasmon

surface potential
BT electric potential
surface phenomena
PT surface electron states
RT surface photovoltage
DEU Oberflächenpotential
DSY Oberflächenpotenzial
Oberflächenspannung (elektrisch)

surface reactions
USE surface chemistry

surface recombination
BT electron-hole recombination
surface phenomena
PT electron-hole recombination
RT surface conductivity
surface scattering
DEU Oberflächenrekombination

surface reconstruction
BT surface structure
PT surface structure
RT surface phase transformations
DEU Oberflächenrekonstruktion

surface resistance
BT electric resistance
surface impedance
PT surface conductivity
RT high-frequency effects
high-temperature superconductors
superconducting thin films
surface conductivity
DEU Oberflächenwiderstand

surface roughness
BT surface topography
PT rough surfaces
surface topography
RT interface roughness
rough surfaces
sandblasting
DEU Oberflächenrauigkeit

surface scattering
BT surface phenomena
transport processes
SY *carrier scattering at surfaces*
PT electrical conductivity of solids
surface electron states
RT electrical conductivity
surface collisions
surface conductivity
surface recombination
surface states
DEU Oberflächenstreuung

surface segregation
BT segregation
surface phenomena
PT segregation
surface structure
RT surface composition
surface diffusion
surface structure
DEU Oberflächensegregation

surface states
BT energy states
surface phenomena
NT core levels
surface plasmons
SY *electron states, surface*
surface electron states
PT surface electron states
RT accumulation layers
electronic density of states
electronic structure
interface states
inversion layers
metal theory
semiconductor-insulator boundaries
surface energy
surface photovoltage
surface scattering
topological insulators
two-dimensional electron gas
weak localisation
DEU Oberflächenzustand

surface structure
BT surface phenomena
NT surface composition
surface morphology
surface reconstruction
surface texture
surface topography
RT atomic force microscopy
interface structure
island structure
low energy electron diffraction
scanning tunnelling microscopy
surface contamination
surface dynamics
surface phase transformations
surface segregation
DEU Oberflächenbeschaffenheit
DSY Oberflächenstruktur

surface tension
BT surface phenomena
SY *interfacial tension*
UF *Marangoni flow / convection* + *surface tension*
RT capillarity
contact angle
surface tension measurement
surfactants
DEU Oberflächenspannung

surface tension measurement
BT mechanical variables
measurement
RT surface tension

DEU Oberflächenspannungsmessung
DSY Spannungsmessung (Oberfläche)

surface texture
BT surface structure
texture
SY *texture, surface*
PT surface structure
RT surface morphology
surface topography
DEU Oberflächenbeschaffenheit
DSY Oberflächentextur

surface topography
BT surface structure
NT surface roughness
SY *contours, surface*
surface contours
topography, surface
PT surface contours
RT planarisation
rough surfaces
surface contamination
surface finishing
surface morphology
surface texture
surface topography measurement
X-ray topography
DEU Oberflächentopografie
DSY Oberflächentopographie

surface topography (Earth)
USE topography (Earth)

surface topography measurement
BT spatial variables measurement
SY *flatness measurement*
roughness measurement
topography measurement (surface)
PT surface measurement
RT coordinate measuring machines
curvature measurement
light interferometry
rough surfaces
surface topography
DEU Oberflächentopografiemessung
DSY Oberflächentopographiemessung

surface transverse wave devices
USE surface acoustic wave devices

surface treatment
NT etching
galvanising
passivation
planarisation
polishing
shot peening
surface alloying
surface cleaning
surface finishing
surface hardening
UF *friction stir processing / heat treatment + surface treatment*
SY *treatment, surface*
RT anodisation
laser materials processing
metallurgy
nitridation
oxidation
painting
plasma materials processing
sizing (materials processing)
surface composition
surface contamination
surface phenomena
wafer bonding
DEU Oberflächenbehandlung

surface vibrations
USE surface dynamics

surface waves (fluid)
BT fluid dynamics
surface phenomena
waves
NT capillary waves
SY *interfacial waves*
liquid surface waves
PT liquid surface waves
RT drag
liquid waves
ocean waves
Rossby waves
sloshing
water waves
DEU Oberflächenwelle (Fluid)

surface-atomic beam collisions
USE atom-surface impact

surface-ion beam collisions
USE ion-surface impact

surface-molecular beam collisions
USE molecule-surface impact

surfactants
BT materials
surface phenomena
NT detergents
RT adsorption
colloids
lyotropic liquid crystals
microemulsions

soft matter
surface tension
DEU oberflächenaktive Substanz

surge absorbers
USE surge protection

surge arresters
USE arresters

surge protection
BT protection
NT arresters
divertors
SY *absorbers (surge)*
suppressors (surge)
surge absorbers
surge suppressors
RT lightning protection
overvoltage
surges
transients
DEU Stoßspannungsschutz

surge suppressors
USE surge protection

surgery
BT patient treatment
UF *laser surgery / laser applications in medicine + surgery*
SY *minimally invasive surgery*
UF *surgical robots / medical robotics + surgery*
RT biomedical equipment
catheters
endoscopes
laser applications in medicine
medical robotics
orthopaedics
DEU Chirurgie

surges
RT overvoltage
power system transients
surge protection
transients
DEU Sicherung (elektrisch)

surgical robots
USE medical robotics
\+ surgery

surveillance
NT video surveillance
RT air traffic control
explosive detection
hazardous areas
military systems
monitoring
national security
radar
remote sensing
search radar
security
terrorism
tracking
DEU Überwachung

surveillance radar
USE search radar

surveying
NT quantity surveying
RT altimeters
compasses
geodesy
geophysical techniques
optical instruments
theodolites
DEU Vermessung

survivability
USE reliability

susceptance measurement, electric
USE electric admittance measurement

susceptance, electric
USE electric admittance

susceptibility, dielectric
USE optical susceptibility

susceptibility, magnetic
USE magnetic susceptibility

susceptibility, optical
USE optical susceptibility

Suspension (Mischung)
DEU for suspensions

suspension bridges
USE bridges (structures)

suspensions
BT disperse systems
NT slurries
RT electrorheology
magnetorheology
soft matter
turbidity
DEU Suspension (Mischung)

suspensions (mechanical components)
BT mechanical products
NT shock absorbers
RT automotive components
off-road vehicles
springs (mechanical)
DEU Aufhängung (mechanisches Element)
DSY Federung (mechanisches Element)

sustainable design
USE design for disassembly
\+ design for environment

sustainable development
RT biodegradable materials
ecocomposites
ecology
economics
energy conservation
energy resources
environmental management
government policies
green computing
natural resources
organic farming
pollution control
renewable materials
DEU nachhaltige Entwicklung

SVBS calculations
USE VB calculations

SVD
USE singular value decomposition

SVM
USE support vector machines

SVM (Support-Vektor-Maschine)
DUS für support vector machines

swaging
BT forming processes
RT metalworking
DEU Gesenkschmieden

swarf
USE scrap metal

swarm intelligence
BT artificial intelligence
PT artificial intelligence
RT ant colony optimisation
artificial immune systems
artificial life
cooperative systems
multi-agent systems
multi-robot systems
particle swarm optimisation
self-adjusting systems
DEU Schwarmintelligenz

swelling
BT mechanical properties
thermal properties
RT environmental degradation
fusion reactor materials
gels
neutron effects
polymer gels
thermal expansion
voids (solid)
DEU Quellung
DSY Schwellung

swept-frequency oscillators
BT variable-frequency oscillators
UF *wobbulators / signal generators* + *swept-frequency oscillators*
DEU Gleitfrequenzoszillator

swept-frequency reflectometry
BT microwave reflectometry
PT microwave measurement
DEU Gleitfrequenzreflektometrie

swimming
USE biomechanics

swirling flow
BT flow
NT vortices
PT rotational flow
vortices
RT external flows
rotational flow
DEU Drallströmung

Switch card
USE debit transactions
\+ plastic cards

switched capacitor filters
BT switched capacitor networks
switched filters
SY *SC filters*
PT switched capacitor networks
switched filters
RT active filters
biquadratic filters
discrete time filters
ladder filters
programmable filters
sampled data filters

DEU Kondensatorschaltfilter

switched capacitor networks
BT switched networks
NT switched capacitor filters
SY *SC networks*
PT active networks
switched networks
RT active networks
charge pump circuits
field programmable analogue arrays
sampled data circuits
switched filters
DEU Kondensatorschaltnetzwerk

switched current circuits
BT switched networks
PT switched networks
RT active networks
analogue integrated circuits
analogue processing circuits
switched filters
DEU SI-Schalter
DSY Stromkreisschalter
Stromschalter
Stromschalterbauelement
Stromschaltkreisschalter

switched filters
BT filters
switched networks
NT switched capacitor filters
SY *N-path filters*
RT sampled data filters
switched capacitor networks
switched current circuits
DEU Schaltfilter

switched mode power supplies
BT power supply circuits
SY *SMPS*
PT power supplies to apparatus
power supply circuits
RT power supplies to apparatus
switched networks
switching circuits
DEU Schaltnetzteil

switched networks
BT networks (circuits)
NT switched capacitor networks
switched current circuits
switched filters
PT circuits
networks
RT switched mode power supplies
DEU geschaltetes Netz

switches
BT electric final control devices
NT circuit breakers
contactors
interrupters
microswitches
microwave switches
optical switches
plasma switches
pulsed power switches
relays
semiconductor switches
superconducting switches
thermostats
time switches
vacuum switches
RT commutation
cryostats
electrical contacts
pulsed power technology
switchgear
switching circuits
switching substations
telecommunication switching
DEU Schalter

switches, high voltage
USE switchgear

switchgear
NT busbars
circuit breakers
interrupters
switchgear insulation
vacuum switches
SY *switches, high voltage*
RT capacitor switching
electric fuses
power transmission
pulsed power switches
restriking voltage
switches
switchgear protection
switchgear testing
switching substations
vacuum insulation
DEU Schaltgetriebe

switchgear insulation
BT insulation
switchgear
NT gas insulated switchgear
PT switchgear testing
switchgear
RT gaseous insulation
partial discharge measurement
SF6 insulation
substation insulation

DEU Schaltgetriebeisolation

switchgear protection
BT protection
RT gas insulated switchgear
power system protection
switchgear
DEU Schaltgetriebeschutz

switchgear testing
BT testing
RT gas insulated switchgear
switchgear
DEU Schaltgetriebeprüfung
DSY Schaltgetriebetest

switching
NT capacitor switching
combinational switching
ferroelectric switching
magnetic switching
Q-switching
sequential switching
switching transients
telecommunication switching
zero current switching
zero voltage switching
RT electrical conductivity transitions
DEU Schalten
DSY Schaltung
Umschaltung
Vermittlung
Wechseln

switching circuits
BT digital circuits
networks (circuits)
NT choppers (circuits)
logic circuits
switching convertors
trigger circuits
RT circuit breakers
diode-transistor logic
emitter-coupled logic
relays
switched mode power supplies
switches
transistor-transistor logic
zero current switching
zero voltage switching
DEU Schaltkreis (Schaltanlage)

switching converters
USE switching convertors

switching convertors
BT power convertors
switching circuits
SY *switching converters*
PT power convertors
switching circuits
RT charge pump circuits
power electronics
power semiconductor switches
power supplies to apparatus
power supply circuits
PWM rectifiers
zero current switching
zero voltage switching
DEU Schaltumrichter

switching functions
BT functions
switching theory
NT state assignment
symmetric switching functions
RT Boolean functions
minimisation of switching nets
DEU Schaltfunktion

switching networks
BT telecommunication networks
telecommunication switching
NT iterated switching networks
multiprocessor interconnection networks
PT switching systems
RT circuit switching
minimisation of switching nets
photonic switching systems
telecommunication network routing
DEU Koppelanordnung
DSY Schaltnetz
Schaltnetzwerk

switching stations
USE switching substations

switching substations
BT substations
SY *switching stations*
PT switchgear
RT switches
switchgear
DEU Umspannschaltstation
DSY Unterwerkschaltstation (Elektrotechnik)

switching systems
USE telecommunication switching

switching theory
NT switching functions
RT asynchronous sequential logic
automata theory
binary sequences

Boolean algebra
circuit switching
combinational switching
commutation
computation theory
computers
formal logic
hazards and race conditions
information theory
iterated switching networks
logic circuits
logic design
majority logic
minimisation
network synthesis
sequential switching
telecommunication switching
topology
DEU Schaltungstheorie

switching transients
BT power system transients
switching
PT power system transients
switching
RT capacitor switching
DEU Schaltvorgang

switching transitions
USE electrical conductivity transitions

SX Ari stars
USE chemically peculiar stars
\+ magnetic stars
\+ variable stars

SX Cen stars
USE supergiant stars
\+ variable stars

SX Phe stars
USE variable stars

SY For stars
USE binary stars
\+ giant stars
\+ infrared sources (astronomical)
\+ variable stars

syllabic compandors
USE compandors

symbiotic novae
USE novae
\+ symbiotic stars

symbiotic stars
BT cataclysmic binary stars
giant stars
UF *eruptive symbiotic stars / novae + symbiotic stars*
UF *Nr variables / cataclysmic binary stars + giant stars + symbiotic stars + variable stars*
UF *recurrent novae / cataclysmic binary stars + giant stars + symbiotic stars + variable stars*
UF *RR Tel stars / novae + symbiotic stars*
SY *RT Ser stars*
UF *symbiotic novae / novae + symbiotic stars*
UF *ultraslow novae / novae + symbiotic stars*
SY *V1016 Cyg stars*
Z And stars
PT cataclysmic binary stars
giant stars
variable stars
RT novae
X-ray binary stars
DEU symbiotischer Stern

symbiotischer Stern
DEU for symbiotic stars

symbol error rate
USE error statistics

symbol manipulation
BT data handling
SY *algebraic manipulation*
UF *computer algebra / process algebra + symbol manipulation*
SY *formula manipulation, automated methods*
UF *Macsyma / mathematics computing + symbol manipulation*
UF *Maple / mathematics computing + symbol manipulation*
UF *Mathematica / mathematics computing + symbol manipulation*
SY *symbolic computation*
PT data handling
RT algebra
artificial intelligence
theorem proving
DEU Symbolmanipulation

symbolic computation
USE symbol manipulation

symbolic substitution
BT optical computing
PT optical information processing
RT parallel processing
DEU symbolische Substitution

symbolische Substitution
DEU for symbolic substitution

Symbolmanipulation
DEU for symbol manipulation

symbols
USE nomenclature

symmetric self-electro-optic effect devices
USE SEEDs

symmetric switching functions
BT switching functions
PT switching functions
DEU symmetrische Schaltfunktion

Symmetrie
DEU for symmetry

Symmetrierschaltung
DEU for baluns

symmetrische Schaltfunktion
DEU for symmetric switching functions

symmetry
NT axial symmetry
crystal symmetry
elementary particle symmetry
RT crystallography
group theory
Lie groups
space groups
SU(N) theory
DEU Symmetrie

symmetry breaking
USE spontaneous symmetry breaking

synaptic plasticity
USE neurophysiology

synchrocyclotrons
BT cyclotrons
PT cyclotrons
DEU Synchrozyklotron

Synchronantriebsmotor
DEU for synchronous motor drives

Synchrongenerator
DEU for synchronous generators

synchronisation
SY *clock recovery*
clock synchronisation
synchronism
synchronization
timing recovery
RT chaotic communication
clock and data recovery circuits
coincidence circuits
concurrency control
frequency locked loops
jitter
machine control
phase detectors
phase locked loops
phase measurement
processor scheduling
resonance
slip (asynchronous machines)
SONET
stroboscopes
synchronous digital hierarchy
synchronous machines
telecommunication security
time bases
time measurement
timing
timing jitter
video signals
DEU Synchronisation
DSY Synchronisierung

Synchronisation
DEU for synchronisation

Synchronisierung
DUS für synchronisation

synchronism
USE synchronisation

synchronization
USE synchronisation

Synchronlinearmotor
DUS für linear synchronous motors

Synchronmaschine
DEU for synchronous machines

Synchronmotor
DEU for synchronous motors

Synchronmotorschutz
DEU for synchronous motor protection

synchronous digital hierarchy
BT time division multiplexing
SY *SDH communication*
PT digital communication systems
multiplexing
synchronisation
RT digital communication
digital radio
optical communication
SONET
synchronisation
DEU SDH-Hierarchie

synchronous DRAM chips
USE DRAM chips

synchronous generators
BT AC generators
synchronous machines
NT alternators
reluctance generators
DEU Synchrongenerator

synchronous machines
BT AC machines
NT reluctance machines
synchronous generators
synchronous motors
RT synchronisation
DEU Synchronmaschine

synchronous motor drives
BT AC motor drives
synchronous motors
NT hysteresis motor drives
reluctance motor drives
PT electric drives
synchronous motors
variable speed drives
RT PWM invertors
variable speed drives
DEU Synchronantriebsmotor

synchronous motor protection
BT AC motor protection
synchronous motors
NT hysteresis motor protection
reluctance motor protection
PT machine protection
synchronous motors
DEU Synchronmotorschutz

synchronous motors
BT AC motors
synchronous machines
NT hysteresis motors
linear synchronous motors
reluctance motors
synchronous motor drives
synchronous motor protection
RT variable speed drives
DEU Synchronmotor

synchronous optical network
USE SONET

synchronous static compensators
USE static VAr compensators

synchrophasors
USE phasor measurement

synchros
BT servomotors
DEU Drehmelder

synchroscopes
USE cathode-ray oscilloscopes

Synchrotron
DEU for synchrotrons

synchrotron radiation
BT electromagnetic waves
RT cyclotron radiation
synchrotrons
undulator radiation
DEU Synchrotronstrahlung

Synchrotron-Magnet
DUS für accelerator magnets

synchrotrons
BT cyclic accelerators
SY *bevatrons*
UF *cosmotrons / proton accelerators*
+ synchrotrons
PT bevatrons
RT colliding beam accelerators
synchrotron radiation
DEU Synchrotron

Synchrotronstrahlung
DEU for synchrotron radiation

Synchrozyklotron
DEU for synchrocyclotrons

syngas
BT fuel
UF *coal gas / fossil fuels + syngas*
SY *hygas*
manufactured gas
producer gas
synthesis gas
town gas
PT fuel
RT biofuel
coal gasification
fuel gasification
fuel processing
fuel processing industries
gas industry
hydrogen production
natural gas technology
shale gas
steam reforming
water gas shift
DEU Synthesegas

syntax (programming languages)
USE computational linguistics

Synthesegas
DEU for syngas

Syntheseharz
DUS für resins

synthesis gas
USE syngas

synthetic aperture radar
BT radar
UF *InSAR / radar interferometry + synthetic aperture radar*
UF *interferometric synthetic aperture radar / radar interferometry + synthetic aperture radar*
SY *inverse synthetic aperture radar*
ISAR
SAR
PT radar
remote sensing by radar
RT airborne radar
digital elevation models
ground penetrating radar
microwave imaging
millimetre wave radar
radar imaging
radar interferometry
radar polarimetry
remote sensing by radar
space-time adaptive processing
spaceborne radar
submillimetre wave radar
synthetic aperture sonar
ultra wideband radar
DEU Radar mit synthetischer Apertur

synthetic aperture sonar
BT sonar
PT sonar imaging
sonar
RT sonar imaging
synthetic aperture radar
DEU Echolot mit synthetischer Apertur
DSY Sonar mit synthetischer Apertur
Synthetikapertursonar

synthetic metals
UF *organic metals / organic compounds + synthetic metals*
PT electrical conductivity of solids
RT conducting materials
conducting polymers
graphite intercalation compounds
intercalation compounds
molecular electronics
one-dimensional conductivity
DEU synthetisches Metall

Synthetikapertursonar
DUS für synthetic aperture sonar

synthetisches Harz
DUS für resins

synthetisches Metall
DEU for synthetic metals

SysML
BT Unified Modeling Language
SY *Systems Modeling Language*
Systems Modelling Language
PT specification languages
RT formal specification
public domain software
systems engineering
DEU SysML (Modellierungssprache)

SysML (Modellierungssprache)
DEU for SysML

system area networks
USE local area networks

system buses
BT computer interfaces
NT Fastbus
SY *AT bus*
backplane buses
buses (computers)
EISA

Extended Industry Standard Architecture
Futurebus
UF *IEEE-1596 / IEEE standards + system buses*
UF *IEEE-896 / IEEE standards + system buses*
UF *IEEE-960 / IEEE standards + system buses*
SY *MCA*
Micro Channel Architecture
UF *MIL-STD-1553B data bus / military standards + system buses*
SY *Multibus*
Nubus
SBus
Scalable Coherent Interface
SCI
STD bus
STEbus
VMEbus
VSB
PT computer interfaces
RT computer networks
multistage interconnection networks
optical backplanes
DEU Systembus

System der 5. Generation
DUS für fifth generation systems

system description languages
USE specification languages

system documentation
BT programming
systems analysis
NT decision tables
UF *documentation / information science + system documentation*
SY *documentation, program and system*
program documentation
PT program and system documentation
RT help systems
technical support services
user manuals
DEU Systemdokumentation

system failure
USE system recovery

system generated electromagnetic pulse
USE electromagnetic pulse

system logging
USE system monitoring

system logs
USE system monitoring

system monitoring
BT systems software
NT program diagnostics
SY *dynamic analysis (programs)*
logging (computer operation)
program monitoring
system logging
system logs
PT supervisory programs
RT supervisory programs
DEU Systemüberwachung

system recovery
NT checkpointing
UF *deadlocks (computers) / concurrency control + operating systems (computers) + system recovery*
SY *error recovery (computers)*
failure (computers)
system failure
RT business continuity
digital forensics
disasters
emergency management
fault tolerant computing
operating systems (computers)
reliability
DEU Systemwiederherstellung (IT)

System reduzierter Ordnung
DEU for reduced order systems

system theory
NT emergent phenomena
realisation theory
RT artificial intelligence
bond graphs
identification
information theory
large-scale systems
modelling
pattern recognition
simulation
DEU Systemtheorie

system-in-package
BT integrated circuit packaging
PT integrated circuit packaging
multichip modules
system-on-chip
RT chip scale packaging

flip-chip devices
integrated circuit interconnections
multichip modules
system-on-chip
system-on-package
DEU System-in-Package-Technologie

System-in-Package-Technologie
DEU for system-in-package

system-on-chip
BT application specific integrated circuits
NT network-on-chip
SY *SOC*
PT application specific integrated circuits
microprocessor chips
mixed analogue-digital integrated circuits
RT digital signal processing chips
hardware-software codesign
integrated circuit design
microcontrollers
microprocessor chips
mixed analogue-digital integrated circuits
system-in-package
system-on-package
VLSI
DEU System-on-Chip-Technologie

System-on-Chip-Technologie
DEU for system-on-chip

system-on-package
BT integrated circuit packaging
PT integrated circuit packaging
system-in-package
RT integrated circuit interconnections
multichip modules
system-in-package
system-on-chip
DEU System-on-Package-Technologie

System-on-Package-Technologie
DEU for system-on-package

Systemanalyse
DEU for systems analysis

systematic errors
USE measurement errors

systematische Namensgebung
DEU for nomenclature

Systembus
DEU for system buses

Systemdokumentation
DEU for system documentation

Systementwurf
DEU for systems design

Systemerneuerung
DEU for systems re-engineering

Systemreengineering
DUS für systems re-engineering

systems analysis
NT entity-relationship modelling
object-oriented methods
software prototyping
system documentation
systems re-engineering
task analysis
user centred design
UF *requirements engineering / formal specification + formal verification + systems analysis*
SY *systems design*
RT critical path analysis
decision theory
digital forensics
flowcharting
information theory
operations research
optimisation
programming
simulation
systems engineering
value engineering
Vienna development method
DEU Systemanalyse

Systems Application Architecture
USE open systems

systems design
USE systems analysis
DEU Systementwurf

systems engineering
BT engineering
RT computers
concurrent engineering
ergonomics
man-machine systems
management
operations research
project engineering
scheduling

SysML
systems analysis
systems re-engineering
DEU Systemtechnik

Systems Modeling Language
USE SysML

Systems Modelling Language
USE SysML

Systems Network Architecture
USE open systems

systems re-engineering
BT systems analysis
SY *software re-engineering*
PT systems analysis
RT business process re-engineering
database management systems
information systems
software maintenance
systems engineering
DEU Systemerneuerung
DSY Systemreengineering

systems software
BT computer software
NT computer bootstrapping
interrupts
operating systems (computers)
program processors
system monitoring
utility programs
PT computer software
DEU Betriebssystem

Systemtechnik
DEU for systems engineering

Systemtheorie
DEU for system theory

Systemüberwachung
DEU for system monitoring

Systemwiederherstellung (IT)
DEU for system recovery

systolic algorithms
USE parallel algorithms
\+ systolic arrays

systolic arrays
BT cellular arrays
parallel architectures
UF *systolic algorithms / parallel algorithms + systolic arrays*
PT cellular arrays
RT digital signal processing chips
DEU systolische Anordnung

systolische Anordnung
DEU for systolic arrays

Szilard-Chalmers reactions
USE radiochemistry

Szintillation
DEU for scintillation

Szintillationszähler
DEU for scintillation counters

T invariance
SY *time invariance*
RT conservation laws
discrete symmetries
DEU T-Invarianz

T Ori stars
USE pre-main-sequence stars

T Tau stars
USE pre-main-sequence stars

T-Invarianz
DEU for T invariance

t-J model
BT superconductivity
RT exchange interactions (electron)
high-temperature superconductors
Hubbard model
DEU t-J-Modell

t-J-Modell
DEU for t-J model

T1 communications
USE digital communication

T1 relaxation (magnetic resonance)
USE electron spin-lattice relaxation
\+ nuclear spin-lattice relaxation
\+ spin-lattice relaxation

T2 relaxation (magnetic resonance)
USE spin-spin relaxation

Ta (chemical element)
USE tantalum
DEU Ta (chemisches Element)

Ta (chemisches Element)
DEU for Ta (chemical element)

TAB
USE tape automated bonding

TAB-Verfahren
DEU for tape automated bonding

Tabak
DEU for tobacco products

Tabakerzeugnis
DUS für tobacco products

Tabakindustrie
DEU for tobacco industry

Tabakprodukt
DUS für tobacco products

Tabakware
DUS für tobacco products

Tabelle
DUS für charts

Tabellenkalkulationsprogramm
DEU for spreadsheet programs

Tabellenkalkulationssoftware
DUS für spreadsheet programs

Tabellensuche
DEU for table lookup

table look-up
USE table lookup

table lookup
BT data handling
SY *lookup tables*
table look-up
DEU Tabellensuche

table-top computers
USE microcomputers

tables (data)
USE collections of physical data

tables (decision)
USE decision tables

tablet computers
USE notebook computers

Tablettenpresse
DUS für presses

tabu search
USE search problems

Tachometer
DEU for tachometers

tachometers
BT meters
PT velocity measurement
RT angular velocity measurement
frequency measurement
servomotors
DEU Tachometer

Tachyon
DEU for tachyons

tachyons
BT hypothetical particles
PT elementary particles
RT special relativity
DEU Tachyon

tackiness
USE adhesion

tactical communication
USE military communication

tactile interfaces
USE haptic interfaces

tactile sense
USE touch (physiological)

tactile sensors
BT sensors
SY *touch sensors*
PT detectors
mechanoception
RT computer vision
image sensors
pressure transducers
robots
touch (physiological)
DEU Tastsensor

täglicher Bedarf
DEU for dairying

Tafelarchitektur
DEU for blackboard architecture

Tageslicht
DEU for daylighting

tagging technology
USE identification technology

Taguchi methods
BT quality control
PT design of experiments
quality control
RT design of experiments
optimisation
product development
quality management
DEU Taguchi-Methode

Taguchi-Methode
DEU for Taguchi methods

Takt- und Datensicherungssystem
DEU for clock and data recovery circuits

Takt- und Datenwiederherstellungssystem
DUS für clock and data recovery circuits

Taktfluktuation
DEU for timing jitter

Taktgeber-Jitter
DUS für timing jitter

Taktjitter
DUS für timing jitter

Taktschaltkreis
DEU for timing circuits

Taktschaltung
DUS für timing circuits

Taktverteilungsnetz
DEU for clock distribution networks

Talbot effect
BT optical images
SY *self-imaging*
RT diffraction gratings
light diffraction
light interference
light interferometry
moire fringes
DEU Talbot-Effekt

Talbot-Effekt
DEU for Talbot effect

Tamm-Dancoff approximation
USE RPA calculations

tandem accelerators
BT van de Graaff accelerators
PT van de Graaff accelerators
RT electron accelerators
ion accelerators
proton accelerators
DEU Tandembeschleuniger

tandem mirrors
USE magnetic mirrors

Tandembeschleuniger
DEU for tandem accelerators

Tandy computers
USE Radio Shack computers

Tank (Container)
DEU for tanks (containers)

tank circuits
USE LC circuits

tanks (armoured vehicles)
USE military vehicles
\+ tracked vehicles

tanks (containers)
BT containers
UF *fuel tanks / fuel storage + fuel systems + tanks (containers)*
UF *oil tanks / fuel storage + oil technology + tanks (containers)*
UF *water tanks / tanks (containers) + water storage*
RT fuel storage
fuel systems
water storage
DEU Tank (Container)

tanning
BT manufacturing processes
RT leather industry
DEU Gerben

Tantal
DEU for tantalum

Tantallegierung
DEU for tantalum alloys

tantalum
BT transition metals
SY *Ta (chemical element)*
RT tantalum alloys

tantalum compounds
DEU Tantal

tantalum alloys
BT transition metal alloys
PT tantalum compounds
RT tantalum
tantalum compounds
DEU Tantallegierung

tantalum compounds
BT transition metal compounds
RT tantalum
tantalum alloys
DEU Tantalverbindung

tantalum electrolytic capacitors
USE electrolytic capacitors

Tantalverbindung
DEU for tantalum compounds

tape automated bonding
BT electronics packaging
lead bonding
SY *TAB*
UF *thermocompression bonding / lead bonding + tape automated bonding*
UF *thermosonic bonding / lead bonding + tape automated bonding*
PT lead bonding
packaging
RT fine-pitch technology
hybrid integrated circuits
integrated circuit technology
plastic packaging
printed circuit manufacture
surface mount technology
VLSI
DEU TAB-Verfahren

tape casting
BT casting
PT casting
RT ceramics
powder technology
sintering
DEU Bandgießen

tape recorders
BT recorders
NT audio tape recorders
video tape recorders
SY *magnetic tape recorders*
RT audio recording
magnetic heads
magnetic recording
sound reproduction
DEU Bandgerät

tapping (machining)
BT machining
SY *internal thread machining*
PT machining
RT drilling
threading (machining)
threading machines
DEU Abscheiden (Bearbeitung)

taps
USE plumbing equipment

tar sands
USE oil sands

target detection
USE object detection

target tracking
BT tracking
SY *multiple target tracking*
multitarget tracking
UF *radar target tracking / radar tracking + target tracking*
UF *sonar target tracking / sonar tracking + target tracking*
PT tracking systems
tracking
RT military systems
object tracking
particle filtering (numerical methods)
passive radar
pointing systems
radar tracking
sonar tracking
tracking filters
DEU Zielverfolgung

Tarif
DUS für tariffs

tariffs
SY *customs and excise*
RT automatic meter reading
costing
power consumption
power distribution economics
power system economics
power systems
power transmission economics
pricing
road pricing (tolls)
smart meters

trade barriers
DEU Gebühr
DSY Gebührenfestlegung
Tarif

Tasche
DUS für bags

Taschenuhr
DUS für watches

task analysis
BT systems analysis
PT systems analysis
RT user interfaces
DEU Arbeitsschrittanalyse

Tastatur
DEU for keyboards

tastbare Wahrnehmung
DEU for mechanoception

taste
USE chemioception

Tastsensor
DEU for tactile sensors

Tau (Niederschlag)
DUS für ropes

Tauchbeschichten
DEU for dip coating

Taucherausrüstung
DEU for diving equipment

tautomerism
USE isomerism

tax preparation
BT accounting
taxation
PT accounting
RT financial data processing
government data processing
DEU Steuererklärung
DSY Steuervorbereitung

taxation
BT public finance
NT tax preparation
UF *carbon tax / environmental economics + taxation*
SY *corporation tax*
UF *green taxation / environmental economics + taxation*
SY *income tax*
inland revenue
internal revenue service
PT financial data processing
government data processing
tax preparation
RT government policies
legislation
DEU Steuerwesen

Taylor instability
USE flow instability

Tb (chemical element)
USE terbium
DEU Tb (chemisches Element)

Tb (chemisches Element)
DEU for Tb (chemical element)

TBDF
USE data privacy
\+ EFTS
\+ government policies

Tc (chemical element)
USE technetium
DEU Tc (chemisches Element)

Tc (chemisches Element)
DEU for Tc (chemical element)

TCAD
USE technology CAD (electronics)

Tchebyscheff filters
USE Chebyshev filters

TCM
USE trellis coded modulation

TCP/IP
USE transport protocols

TDM
USE time division multiplexing

TDMA
USE time division multiple access

TDMA (Time Division Multiple Access)
DEU for time division multiple access

TDPAC
USE perturbed angular correlation

TDRSS
USE satellite communication
\+ satellite tracking

Te (chemical element)
USE tellurium

teacher training
BT training
PT education
training
RT education
professional aspects
teaching
DEU Ausbildertraining
DSY Lehrerausbildung
Lehrertraining

teaching
BT social sciences
NT student experiments
RT biomedical education
computer aided instruction
computer science education
continuing education
control engineering education
distance learning
education
educational robots
electrical engineering education
electronic engineering education
engineering education
management education
personnel
physics education
power engineering education
teacher training
telecommunication engineering education
training
DEU Lehre (Berufsausbildung)
DSY Lehrveranstaltung
Unterricht

teaching demonstrations
USE student experiments

teaching machines
USE computer aided instruction

team working
BT organisational aspects
RT human resource management
DEU Gruppenarbeit
DSY Team-Arbeit

Team-Arbeit
DUS für team working

tearing instability
BT plasma instability
PT plasma instability
RT plasma confinement
plasma fluctuations
plasma oscillations
DEU Tearing-Instabilität

Tearing-Instabilität
DEU for tearing instability

technetium
BT transition metals
SY *Tc (chemical element)*
RT technetium alloys
technetium compounds
DEU Technetium

technetium alloys
BT transition metal alloys
PT technetium compounds
RT technetium
technetium compounds
DEU Technetiumlegierung

technetium compounds
BT transition metal compounds
RT technetium
technetium alloys
DEU Technetiumverbindung

technetium stars
USE giant stars

Technetiumlegierung
DEU for technetium alloys

Technetiumverbindung
DEU for technetium compounds

Technetium
DEU for technetium

technical drawing
BT design
RT engineering graphics
DEU technisches Zeichnen

technical office protocol
USE local area networks
\+ office automation
\+ protocols

technical presentation
BT professional communication
SY *presentation, technical*
RT audio-visual systems
business graphics
DEU technische Darstellung
DSY technische Präsentation

technical support services
BT computer facilities
SY *help desks*
help services
user support
PT computer facilities
RT information services
system documentation
DEU technischer Computerservice

technical textiles
USE textile products

technicians
USE personnel

technicolor model
USE technicolour model

technicolour model
BT colour model
unified gauge models
SY *technicolor model*
DEU Technicolourfarbmodell

Technicolourfarbmodell
DEU for technicolour model

Technik
DUS für engineering
technology

technique for order of preference by similarity to ideal solution
USE TOPSIS

technische Ausbildung
DEU for engineering education

technische Bearbeitung
DUS für engineering

technische Bildung
DUS für engineering education

technische Darstellung
DEU for technical presentation

technische Planung
DUS für engineering

technische Präsentation
DUS für technical presentation

technische Weiterbildung
DUS für engineering education

technische Zeichnung
DEU for engineering graphics

technischer Computerservice
DEU for technical support services

technisches Zeichnen
DEU for technical drawing

technological forecasting
BT technology
SY *forecasting, technological*
future developments
International Technology Roadmap for Semiconductors
PT research and development management
RT innovation management
planning
research and development management
DEU Technologievorhersage

Technologie
DUS für technology

Technologie als Studienfach
DUS für engineering

Technologie-CAD (Elektronik)
DEU for technology CAD (electronics)

Technologiemanagement
DEU for technology management

Technologietransfer
DEU for technology transfer

Technologieübertragung
DUS für technology transfer

Technologievorhersage
DEU for technological forecasting

technology
NT biotechnology
chemical technology
educational technology
fine-pitch technology

focused ion beam technology
food technology
group technology
identification technology
information technology
integrated circuit technology
microwave technology
natural gas technology
oil technology
optimised production technology
paper technology
powder technology
pulsed power technology
semiconductor technology
surface mount technology
technological forecasting
technology CAD (electronics)
technology management
technology transfer
textile technology
RT design
engineering
production
DEU Methode
DSY Technik
Technologie

technology CAD (electronics)
BT CAD
technology
SY *TCAD*
PT CAD
circuit CAD
semiconductor process modelling
RT circuit CAD
integrated circuit design
semiconductor device models
semiconductor process modelling
DEU Technologie-CAD (Elektronik)

technology management
BT management
technology
PT management
RT DP management
innovation management
research and development management
technology transfer
DEU Technologiemanagement

technology transfer
BT technology
RT Digital Divide
government policies
management of change
research and development
socio-economic effects
technology management
DEU Technologietransfer
DSY Technologieübertragung

tectonics
NT faulting
SY *plate tectonics*
PT Earth
RT Earth crust
earthquakes
geophysics
oceanic crust
DEU Tektonik

teeth
USE dentistry

TEGFET
USE high electron mobility transistors

Teilantwortkanal
DUS für partial response channels

Teilchen-Spektrometer
DUS für particle spectrometers

Teilchenbeschleuniger
DUS für particle accelerators

Teilchenbeschleunigermagnet
DUS für accelerator magnets

Teilchenbeschleunigersteuerungssystem
DUS für accelerator control systems

Teilchenbeschleunigerzubehör
DUS für particle accelerator accessories

Teilchendetektor
DUS für particle detectors

Teilchenenergieverlust
DUS für energy loss of particles

Teilchenfalle
DUS für particle traps

Teilchenfilterung (numerische Methode)
DUS für particle filtering (numerical methods)

Teilchengeschwindigkeitsanalyse
DUS für particle velocity analysis

Teilchengröße
DUS für particle size

Teilchengrößenmessung
DUS für particle size measurement

Teilcheninterferometrie
DUS für particle interferometry

Teilchenkalorimetrie
DUS für particle calorimetry

Teilchenlochmodell
DUS für particle-hole model

Teilchenoptik
DUS für particle optics

Teilchenquelle
DUS für particle sources

Teilchenrückstreuung
DUS für particle backscattering

Teilchenrückwärtsstreuung
DUS für particle backscattering

Teilchenschwarmoptimierung
DUS für particle swarm optimisation

Teilchenseparator
DUS für particle separators

Teilchenspektrometer
DUS für particle spectrometers

Teilchenspur
DUS für particle tracks

Teilchenstrahl
DUS für particle beams

Teilchenstrahlbündelung
DUS für particle beam bunching

Teilchenstrahldiagnostik
DUS für particle beam diagnostics

Teilchenstrahldynamik
DUS für particle beam dynamics

Teilchenstrahlen-Fusionsbeschleuniger
DUS für particle beam fusion accelerators

Teilchenstrahlenbündelung
DUS für particle beam bunching

Teilchenstrahlendiagnostik
DUS für particle beam diagnostics

Teilchenstrahlendynamik
DUS für particle beam dynamics

Teilchenstrahlenextraktion
DUS für particle beam extraction

Teilchenstrahlenfokussierung
DUS für particle beam focusing

Teilchenstrahlenfusionsbeschleuniger
DUS für particle beam fusion accelerators

Teilchenstrahleninjektion
DUS für particle beam injection

Teilchenstrahlenstabilität
DUS für particle beam stability

Teilchenstrahlextraktion
DUS für particle beam extraction

Teilchenstrahlfokussierung
DUS für particle beam focusing

Teilchenstrahlinjektion
DUS für particle beam injection

Teilchenstrahlstabilität
DUS für particle beam stability

Teilchenstrahlung
DUS für particle beams

Teilchenstrahlungs-Fusionsbeschleuniger
DUS für particle beam fusion accelerators

Teilchenstrahlungsfokussierung
DUS für particle beam focusing

Teilchenstrahlungsfusionsbeschleuniger
DUS für particle beam fusion accelerators

Teilchenstreuung
DEU for particle scattering

Teilchenverbund
DUS für composite particles

Teilchenverbundmodell
DUS für composite particle models

teilchenverstärkter Verbundstoff
DUS für particle reinforced composites

Teilchenwegvisualisierung
DUS für particle track visualisation

Teilchenzähler
DUS für particle counting

Teile-und-Herrsche-Methode
DEU for divide and conquer methods

Teilempfangskanal
DUS für partial response channels

Teilentladung
DEU for partial discharges

Teilnehmerschleife
DEU for subscriber loops

Teilprüfung (Compiler)
DUS für partial evaluation (compilers)

Teilwertabschreibung
DUS für depreciation

Tektid
DEU for tektites

tektites
PT meteorites
RT geology
meteorite craters
meteorites
DEU Tektid

Tektonik
DEU for tectonics

Telearbeit
DEU for teleworking

telecommunication
NT amplify and forward communication
automatic repeat request
bandlimited communication
bandwidth allocation
bandwidth compression
biomedical communication
broadcast communication
business communication
carrier transmission on power lines
chaotic communication
cooperative communication
data communication
decode and forward communication
digital communication
indoor communication
marine communication
military communication
MIMO communication
mobile communication
molecular communication (telecommunication)
multicast communication
multimedia communication
on-board communications
optical communication
quantum communication
radiocommunication
satellite communication
spread spectrum communication
telecommunication channels
telecommunication computing
telecommunication control
telecommunication engineering education
telecommunication equipment
telecommunication links
telecommunication networks
telecommunication security
telecommunication services
telecommunication signalling
telecommunication standards
telecommunication switching
telecommunication traffic
ultra wideband communication
underground communication
visual communication
voice communication
SY *carrier communication*
RT broadcasting
code convertors
critical infrastructures
demultiplexing
echo suppression
electromagnetic waves
electronics industry
information technology
modulation
multiplexing
office automation
telecommunication industry
transmission
transmitters
DEU Telekommunikation

telecommunication cables
BT cables (electric)
telecommunication equipment
NT optical cables
twisted pair cables

SY *communication cables*
RT cable laying
telecommunication links
telecommunication transmission lines
DEU Nachrichtenkabel
DSY Nachrichtenleitung
Telekommunikationskabel
Telekommunikationsleitung

telecommunication channels
BT telecommunication
NT broadcast channels
channel allocation
channel capacity
channel estimation
channel spacing
dispersive channels
Gaussian channels
multipath channels
multiuser channels
partial response channels
time-varying channels
wireless channels
UF *bandlimited channels / bandlimited communication + telecommunication channels*
SY *communication channels*
UF *multicast channels / multicast communication + telecommunication channels*
PT communication channels
RT adjacent channel interference
bandlimited communication
channel coding
cochannel interference
combined source-channel coding
quantum communication
DEU Fernmeldekanal
DSY Telekommunikationskanal

telecommunication computer control
USE telecommunication control

telecommunication computing
BT engineering computing
telecommunication
NT computer telephony integration
SY *communications computing*
PT telecommunications computing
RT computer communications software
computer mediated communication
electrical engineering computing
Internet telephony
optical engineering computing
quality of service
radar computing
radiocommunication
software radio
telecommunication control
telecommunication network management
telegraphy
telephony
television
DEU Computeranwendung in der Telekommunikation
DSY Computerwendung in der Telekommunikation
Rechneranwendung in der Telekommunikation
rechnerunterstützte Telekommunikation
telekommunikative Computeranwendung
telekommunikative Rechneranwendung

telecommunication congestion control
BT telecommunication control
UF *active queue management / queueing theory + telecommunication congestion control + telecommunication network management*
SY *call admission control*
collision avoidance, telecommunication
communication congestion control
congestion control, telecommunication
connection admission control
flow control, telecommunication
traffic control (telecommunication)
PT telecommunication traffic
telecommunications control
RT asynchronous transfer mode
bandwidth allocation
DiffServ networks
IntServ networks
IP networks
protocols
quality of service
queueing theory
statistical multiplexing
telecommunication network management
telecommunication network routing
telecommunication traffic
DEU Telekommunikationsnetzlaststeuerung
DSY Überlastungssteuerung und -regelung (Nachrichtennetz)

telecommunication control
BT automation
telecommunication
NT telecommunication congestion control
SY *communications computer control*
communications control
telecommunication computer control
PT telecommunications computer control
telecommunications control
RT electronic switching systems
radiocommunication
telecommunication computing
telecommunication exchanges
telecommunication network management
telecommunication network routing
telecommunication power management
telegraphy
telephony
television
DEU Nachrichtenübertragungssteuerung
DSY Telekommunikationssteuerung

telecommunication engineering education
BT electrical engineering education
telecommunication
SY *communication engineering education*
PT education
telecommunication
RT computer aided instruction
educational courses
teaching
training
DEU Telekommunikationsausbildung
DSY telekommunikationstechnische Ausbildung
telekommunikationstechnische Bildung

telecommunication equipment
BT telecommunication
NT codecs
data communication equipment
demultiplexing equipment
facsimile equipment
multiplexing equipment
optical communication equipment
radio equipment
repeaters
telecommunication cables
telecommunication equipment testing
telecommunication exchanges
telecommunication power supplies
telecommunication terminals
telecommunication transmission lines
telephone equipment
teleprinters
television equipment
transceivers
video equipment
SY *communication equipment*
RT satellite ground stations
VHF devices
DEU Fernmeldeausrüstung
DSY Telekommunikationsanlage
Telekommunikationsapparat
Telekommunikationsausrüstung
Telekommunikationsausstattung
Telekommunikationseinheit
Telekommunikationseinrichtung
Telekommunikationsendgerät
Telekommunikationsgerät
Telekommunikationssystem
Telekommunikationstechnik
Telekommunikationsvorrichtung

telecommunication equipment testing
BT electronic equipment testing
telecommunication equipment
SY *communication equipment testing*
telecommunication network testing
PT electronic equipment testing
telecommunication equipment
RT quality control
telecommunication network reliability
DEU Telekommunikationsausrüstungspr üfung
DSY Telekommunikationsausrüstungste st

telecommunication exchanges
BT telecommunication equipment
NT telephone exchanges
SY *communication exchanges*
UF *ISDN exchanges / ISDN + telecommunication exchanges*
PT electronic switching systems
telephone exchanges
RT electronic switching systems
private telephone exchanges
telecommunication control
DEU Telekommunikationsaustausch

telecommunication industry
BT industries
RT consumer electronics
electronic equipment manufacture
electronic products
electronics industry
legislation
manufacturing industries
telecommunication
telecommunication services
DEU Telekommunikationsindustrie

telecommunication links
BT telecommunication
NT optical links
pulse code modulation links
radio links
satellite links
space communication links
SY *communication links*
links, telecommunication
RT inter-computer links
telecommunication cables
waveguides
DEU Fernmeldeverbindung
DSY Telekommunikationsanschluss
Telekommunikationsverbindung

telecommunication network management
BT telecommunication networks
NT computer network management
mobility management (mobile radio)
UF *active queue management / queueing theory + telecommunication congestion control + telecommunication network management*
SY *communication network management*
network management, telecommunications
PT management
telecommunication networks
RT bandwidth allocation
DP management
management
network operating systems
quality of service
supervisory programs
telecommunication computing
telecommunication congestion control
telecommunication control
telecommunication network planning
telecommunication network routing
DEU Nachrichtennetzmanagement
DSY Telekommunikationsnetzmanagement
Telekommunikationsnetzwerkverwaltung

telecommunication network planning
BT planning
telecommunication networks
PT planning
telecommunication networks
RT telecommunication network management
telecommunication network routing
DEU Telekommunikationsnetzplanung

telecommunication network reliability
BT reliability
telecommunication networks
NT computer network reliability
SY *communication network reliability*
failure (telecommunication networks)
PT reliability
telecommunication networks
RT delay tolerant networks
telecommunication equipment testing
telecommunication network topology
DEU Kommunikationsnetzzuverlässigkeit
DSY Nachrichtennetzzuverlässigkeit
Telekommunikationsnetzzuverlässigkeit
Zuverlässigkeit des Nachrichtennetzes
Zuverlässigkeit des Telekommunikationsnetzes

telecommunication network routing
BT network routing
telecommunication networks
NT routing protocols
SY *communication network routing*
routing, telecommunication
PT telecommunication networks
RT ad hoc networks
delay tolerant networks
DiffServ networks
IntServ networks
IP networks
mobile ad hoc networks
multicast communication
multicast protocols
multiprotocol label switching

multistage interconnection networks
overlay networks
quality of service
switching networks
telecommunication congestion control
telecommunication control
telecommunication network management
telecommunication network planning
telecommunication network topology
vehicular ad hoc networks
wavelength assignment
wireless mesh networks
Zigbee
DEU Telekommunikationsnetzverbindungssteuerung

telecommunication network testing
USE telecommunication equipment testing

telecommunication network topology
BT network topology
telecommunication networks
PT network topology
RT mobile ad hoc networks
overlay networks
telecommunication network reliability
telecommunication network routing
vehicular ad hoc networks
wireless mesh networks
Zigbee
DEU Telekommunikationsnetztopologie

telecommunication networks
BT networks (circuits)
telecommunication
NT broadband networks
computer networks
delay tolerant networks
home networks
intelligent networks
IP networks
ISDN
network coding
next generation networks
overlay networks
personal communication networks
radio networks
relay networks (telecommunication)
switching networks
telecommunication network management
telecommunication network planning
telecommunication network reliability
telecommunication network routing
telecommunication network topology
telephone networks
television networks
virtual private networks
VSAT networks
SY *communication networks*
local networks
value added networks
VANs
PT communication networks
telegraph networks
RT cable television
community antenna television
telecommunication security
telecommunication signalling
DEU Nachrichtennetz
DSY Nachrichtennetzwerk
Telekommunikationsnetz
Telekommunikationsnetzwerk

telecommunication overhead lines
USE telecommunication transmission lines

telecommunication power management
SY *power aware communication*
RT low-power electronics
power aware computing
power consumption
power control
telecommunication control
wireless sensor networks
DEU Telekommunikationsstrommanagement

telecommunication power supplies
BT power supplies to apparatus
telecommunication equipment
SY *communication power supplies*
PT power supplies to apparatus
telecommunication equipment
RT power convertors
power supply circuits
DEU Telekommunikationsstromversorgung

telecommunication security
BT security
telecommunication
NT computer network security
SY *secure communication*
PT security of data
security
RT chaos
chaotic communication
computer networks
cryptographic protocols
cryptography
data communication
data privacy
message authentication
military communication
mobile ad hoc networks
near-field communication
protocols
security of data
synchronisation
telecommunication networks
trusted computing
vehicular ad hoc networks
virtual private networks
Zigbee
DEU Fernsprechsicherheit
DSY Sicherheit der Telekommunikation
Telekommunikationssicherheit

telecommunication services
BT telecommunication
NT electronic mail
facsimile
quality of service
teleconferencing
telegraphy
telemetry
telephony
teletext
television
viewdata
voice mail
SY *communication services*
PT telecommunication
RT broadcasting
intelligent networks
multimedia systems
next generation networks
quality of experience
telecommunication industry
virtual private networks
DEU Fernmeldedienst
DSY Telekommunikationsdienst

telecommunication signalling
BT telecommunication
NT signalling protocols
SY *common channel signalling*
communication signalling
signalling (telecommunication networks)
Signalling System 7
PT signalling (telecommunication networks)
RT data communication
ISDN
partial response channels
telecommunication networks
DEU Fernmeldesignal
DSY Telekommunikationssignalgebung
Telekommunikationssignalisierung
Telekommunikationssignaltechnik

telecommunication standards
BT standards
telecommunication
NT Bluetooth
FDDI
SONET
television standards
Zigbee
SY *communication standards*
UF *EDGE / 3G mobile communication + cellular radio + telecommunication standards*
UF *enhanced data rate for GSM evolution / 3G mobile communication + cellular radio + telecommunication standards*
UF *optical transport networks / optical fibre networks + telecommunication standards*
PT standards
telecommunication
RT IEC standards
IEEE standards
ISO standards
Long Term Evolution
protocols
DEU Telekommunikationsnorm
DSY Telekommunikationsstandard

telecommunication switching
BT switching
telecommunication
NT demultiplexing
electronic switching systems
multiplexing
optical burst switching
photonic switching systems
switching networks
SY *burst switching*

UF *crosspoint switches / electronic switching systems + telecommunication switching*
SY *store and forward switching*
switching systems
PT switching systems
RT circuit switching
intelligent networks
ISDN
switches
switching theory
telephone exchanges
DEU Telekommunikationsschaltung
DSY Telekommunikationsverbindung
Telekommunikationsvermittlung

telecommunication terminals
BT telecommunication equipment
SY *communication terminals*
UF *ISDN terminals / ISDN + telecommunication terminals*
UF *multimedia terminals / multimedia communication + multimedia computing + telecommunication terminals*
PT telecommunication equipment
RT interactive terminals
receivers
telephone sets
transmitters
DEU Telekommunikationsendgerät
DSY Telekommunikationsterminal

telecommunication theory
USE information theory

telecommunication traffic
BT telecommunication
traffic
NT telecommunication traffic recording
telephone traffic
SY *communication traffic*
teletraffic
PT telecommunication
RT bandwidth allocation
multicast protocols
multiprotocol label switching
quality of service
routing protocols
statistical multiplexing
telecommunication congestion control
DEU Nachrichtenverkehr
DSY Telekommunikationsverkehr

telecommunication traffic recording
BT telecommunication traffic
traffic recording
NT telephone traffic recording
SY *communication traffic recording*
PT telecommunication traffic
traffic recording
RT computerised monitoring
DEU Nachrichtenverkehrsaufzeichnung
DSY Telekommunikationsaufzeichnung
Telekommunikationsverkehrsaufzeichnung
Telekommunikationsverkehrsüberwachung

telecommunication transmission lines
BT telecommunication equipment
transmission lines
NT telephone lines
SY *communication overhead lines*
communication overhead transmission lines
communication transmission lines
overhead lines, telecommunication
telecommunication overhead lines
PT communication transmission lines
RT telecommunication cables
DEU Nachrichtenübertragungsleitung
DSY Telekommunikationsleitung
Telekommunikationsübertragungsleitung

telecommuting
USE home working

teleconferencing
BT telecommunication services
SY *audio conferencing*
computer conferencing
computerised conferencing
UF *videoconferencing / teleconferencing + video communication*
PT telephony
television applications
RT administrative data processing
business communication
closed circuit television
computer mediated communication
electronic mail
group decision support systems
groupware
office automation
telemedicine
videotelephony
visual communication
DEU Fernkonferenz

telecontrol
NT telecontrol equipment
telerobotics
SY *remote control*
UF *telepresence / telecontrol* + *virtual reality*
RT alarm systems
compliance control
control equipment
remote handling
substation automation
telemetry
DEU Fernsteuerung

telecontrol equipment
BT control equipment
telecontrol
PT telecontrol
DEU Fernsteuerausrüstung
DSY Fernsteuerausstattung
Fernsteuereinrichtung
Fernsteuergerät
Fernsteuerungausrüstung
Fernsteuerungausstattung
Fernsteuerungeinrichtung
Fernwirkausrüstung
Telematikausrüstung

telefilming
RT television
television equipment
DEU Fernsehfilmherstellung

Telefon
DUS für telephone equipment

Telefonanlage
DUS für telephone equipment

Telefonaufzeichnung
DUS für telephone traffic recording

Telefongerät
DUS für telephone equipment
telephone sets

Telefonie
DUS für telephony

Telefoninterferenz
DUS für telephone interference

Telefonleitung
DUS für telephone lines

Telefonnetz
DUS für telephone networks

Telefonverkehr
DUS für telephone traffic

Telefonverkehrsaufzeichnung
DUS für telephone traffic recording

Telefonvermittlung
DUS für telephone exchanges

Telegrafie
DEU for telegraphy

telegraph poles
USE poles and towers

Telegraphie
DUS für telegraphy

telegraphy
BT telecommunication services
NT radiotelegraphy
teleprinters
SY *carrier telegraphy*
telex
RT electronic messaging
office automation
subscriber loops
telecommunication computing
telecommunication control
DEU Telegrafie
DSY Telegraphie

Telehandhabung
DUS für remote handling

Telekommunikation
DEU for telecommunication

Telekommunikationsanlage
DUS für telecommunication equipment

Telekommunikationsanschluss
DUS für telecommunication links

Telekommunikationsapparat
DUS für telecommunication equipment

Telekommunikationsaufzeichnung
DUS für telecommunication traffic recording

Telekommunikationsausbildung
DEU for telecommunication engineering education

Telekommunikationsausrüstung
DUS für telecommunication equipment

Telekommunikationsausrüstungsprüfung
DEU for telecommunication equipment testing

Telekommunikationsausrüstungstest
DUS für telecommunication equipment testing

Telekommunikationsausstattung
DUS für telecommunication equipment

Telekommunikationsaustausch
DEU for telecommunication exchanges

Telekommunikationsdienst
DUS für telecommunication services

Telekommunikationseinheit
DUS für telecommunication equipment

Telekommunikationseinrichtung
DUS für telecommunication equipment

Telekommunikationsendgerät
DUS für telecommunication equipment

Telekommunikationsendgerät
DEU for telecommunication terminals

Telekommunikationsgerät
DUS für telecommunication equipment

Telekommunikationsindustrie
DEU for telecommunication industry

Telekommunikationskabel
DUS für telecommunication cables

Telekommunikationskanal
DUS für telecommunication channels

Telekommunikationsleitung
DUS für telecommunication cables
telecommunication transmission lines

Telekommunikationsnetz
DUS für telecommunication networks

Telekommunikationsnetzlaststeuerung
DEU for telecommunication congestion control

Telekommunikationsnetzmanagement
DUS für telecommunication network management

Telekommunikationsnetzplanung
DEU for telecommunication network planning

Telekommunikationsnetztopologie
DEU for telecommunication network topology

Telekommunikationsnetzverbindungssteuerung
DEU for telecommunication network routing

Telekommunikationsnetzwerk
DUS für telecommunication networks

Telekommunikationsnetzwerkverwaltung
DUS für telecommunication network management

Telekommunikationsnetzzuverlässigkeit
DUS für telecommunication network reliability

Telekommunikationsnorm
DEU for telecommunication standards

Telekommunikationsschaltung
DEU for telecommunication switching

Telekommunikationssicherheit
DUS für telecommunication security

Telekommunikationssignalgebung
DUS für telecommunication signalling

Telekommunikationssignalisierung
DUS für telecommunication signalling

Telekommunikationssignaltechnik
DUS für telecommunication signalling

Telekommunikationsstandard
DUS für telecommunication standards

Telekommunikationssteuerung
DUS für telecommunication control

Telekommunikationsstrommanagement
DEU for telecommunication power management

Telekommunikationsstromversorgung
DEU for telecommunication power supplies

Telekommunikationssystem
DUS für telecommunication equipment

Telekommunikationstechnik
DUS für telecommunication equipment

telekommunikationstechnische Ausbildung
DUS für telecommunication engineering education

telekommunikationstechnische Bildung
DUS für telecommunication engineering education

Telekommunikationsterminal
DUS für telecommunication terminals

Telekommunikationsübertragungsleitung
DUS für telecommunication transmission lines

Telekommunikationsverbindung
DUS für telecommunication links
telecommunication switching

Telekommunikationsverkehr
DUS für telecommunication traffic

Telekommunikationsverkehrsaufzeichnung
DUS für telecommunication traffic recording

Telekommunikationsverkehrsüberwachung
DUS für telecommunication traffic recording

Telekommunikationsvermittlung
DUS für telecommunication switching

Telekommunikationsvorrichtung
DUS für telecommunication equipment

telekommunikative Computeranwendung
DUS für telecommunication computing

telekommunikative Rechneranwendung
DUS für telecommunication computing

Telemanipulation
DUS für remote handling

Telemanipulationsgerät
DUS für remote handling equipment

Telemanipulationssystem
DUS für remote handling equipment

Telemanipulator
DUS für remote handling equipment

telemarketing
USE marketing

Telematikausrüstung
DUS für telecontrol equipment

telemedicine
BT biomedical communication
medicine
UF *telerehabilitation / patient rehabilitation + telemedicine*
RT assisted living
biomedical education
health care
medical computing
medical information systems
PACS
patient care
teleconferencing
DEU Telemedizin

Telemedizin
DEU for telemedicine

telemetering
USE telemetry

telemeters
USE telemetry

Telemetriesystem
DEU for telemetry

telemetry
BT telecommunication services
NT automatic meter reading
biomedical telemetry
marine telemetry
optical fibre telemetry
radiotelemetry
space telemetry
SY *remote metering*
telemetering
telemeters
PT telemetering
telemetering equipment

telemetering systems
RT cascade control
data communication
ground support equipment
ground support systems
metering
phasor measurement
pulse modulation
recorders
telecontrol
time division multiplexing
transducers
DEU Telemetriesystem

telephone equipment
BT telecommunication equipment
telephony
NT automatic telephone systems
compandors
cordless telephone systems
telephone exchanges
telephone lines
telephone sets
vocoders
SY *telephone station equipment*
telephone switching equipment
RT coin operated equipment
radio equipment
radiotelephony
videotelephony
DEU Fernsprechanlage
DSY Fernsprecher
Fernsprechgerät
Telefon
Telefonanlage
Telefongerät

telephone exchanges
BT telecommunication exchanges
telephone equipment
NT private telephone exchanges
SY *exchanges (telephone)*
RT telecommunication switching
telephone lines
telephone traffic recording
DEU Fernsprechvermittlung
DSY Telefonvermittlung

telephone interference
BT electromagnetic interference
telephony
RT compandors
crosstalk
DEU Fernsprechinterferenz
DSY Telefoninterferenz

telephone lines
BT telecommunication transmission lines
telephone equipment
NT subscriber loops
SY *lines (telephone)*
RT coaxial cables
comparators (circuits)
line concentrators
submarine cables
telephone exchanges
telephone networks
DEU Fernsprechleitung
DSY Telefonleitung

telephone networks
BT telecommunication networks
telephony
NT subscriber loops
RT telephone lines
DEU Fernsprechnetz
DSY Telefonnetz

telephone receivers
USE telephone sets

telephone sets
BT telephone equipment
NT mobile handsets
SY *handsets (telephone)*
telephone receivers
telephone transmitters
telephones
RT acoustoelectric transducers
earphones
telecommunication terminals
DEU Fernsprecher
DSY Telefongerät

telephone station equipment
USE telephone equipment

telephone subscriber loops
USE subscriber loops

telephone switching equipment
USE telephone equipment

telephone traffic
BT telecommunication traffic
telephony
NT telephone traffic recording
PT telephony
DEU Fernsprechverkehr
DSY Telefonverkehr

telephone traffic recording
BT telecommunication traffic recording
telephone traffic
RT computerised monitoring
telephone exchanges
DEU Fernsprechverkehrsaufzeichnung
DSY Telefonaufzeichnung
Telefonverkehrsaufzeichnung

telephone transmitters
USE telephone sets

telephones
USE telephone sets

telephony
BT telecommunication services
NT computer telephony integration
Internet telephony
radiotelephony
telephone equipment
telephone interference
telephone networks
telephone traffic
videotelephony
SY *carrier telephony*
RT automatic telephone systems
call centres
office automation
subscriber loops
telecommunication computing
telecommunication control
voice mail
DEU Fernsprechen
DSY Telefonie

telepoint systems
USE cordless telephone systems

teleportation
SY *quantum teleportation*
RT Bell theorem
information theory
quantum communication
quantum entanglement
quantum optics
quantum theory
DEU Teleportation (Theorie)

Teleportation (Theorie)
DEU for teleportation

telepresence
USE telecontrol
\+ virtual reality

teleprinters
BT telecommunication equipment
telegraphy
typewriters
RT receivers
transmitters
DEU Fernschreiber

telerehabilitation
USE patient rehabilitation
\+ telemedicine

Teleroboter
DEU for telerobotics

telerobotics
BT robots
telecontrol
PT mobile robots
robots
telecontrol equipment
telecontrol
RT aerospace robotics
automatic guided vehicles
autonomous aerial vehicles
autonomous underwater vehicles
manipulators
mobile robots
planetary rovers
remote handling equipment
remotely operated vehicles
rescue robots
DEU Teleroboter

telescopes
BT instruments
NT astronomical telescopes
SY *infrared telescopes*
optical telescopes
RT antennas
lenses
mirrors
optical instruments
DEU Fernrohr
DSY Teleskop

Teleskop
DUS für telescopes

telesoftware
BT computer applications
SY *broadcast software*
RT broadcasting
office automation
personal computing
radio data systems
DEU Telesoftware (Funk und Fernsehen)

Telesoftware (Funk und Fernsehen)
DEU for telesoftware

teletex
USE electronic mail

teletext
BT telecommunication services
SY *Ceefax*
PT data communication systems
information services
television applications
RT data communication
information services
office automation
radio data systems
television applications
DEU Videotext

teletherapy
USE radiation therapy

teletraffic
USE telecommunication traffic

teletypes
USE interactive terminals

television
BT telecommunication services
NT cable television
closed circuit television
community antenna television
digital television
electronic news gathering
high definition television
interactive television
mobile television
television applications
television broadcasting
television equipment
television interference
television networks
television production
television reception
television standards
television stations
television studios
three-dimensional television
UF *business television / business communication + television*
SY *color television*
color TV
colour television
colour TV
TV
RT telecommunication computing
telecommunication control
telefilming
video recording
visual communication
DEU Fernsehen

television antennas
BT antennas
television equipment
UF *TVRO / television antennas + television receivers*
RT television receivers
television stations
television transmitters
DEU Fernsehantenne

television applications
BT television
NT videotelephony
RT electronic news gathering
electronic speckle pattern interferometry
home automation
teletext
viewdata
DEU Fernsehanwendung

television broadcasting
BT broadcasting
television
NT digital video broadcasting
UF *microwave video distribution systems / microwave links + television broadcasting*
UF *satellite TV / direct broadcasting by satellite + television broadcasting*
RT conditional access
digital television
direct broadcasting by satellite
high definition television
high definition video
OFDM modulation
quality of experience
television equipment
television production
television stations
television studios
DEU Fernsehrundfunk
DSY Fernsehrundfunktechnik

television camera tubes
BT cathode-ray tubes
image sensors
television cameras
SY *camera tubes, television*
iconoscopes
orthicons
pick-up tubes, television

Saticons
vidicons
RT photomultipliers
phototubes
DEU Fernsehkameraröhre

television cameras
BT cameras
television equipment
NT television camera tubes
SY *colour television cameras*
RT pick-ups
television studios
video cameras
DEU Fernsehkamera

television displays
BT display instrumentation
television equipment
UF *flat TV displays / flat panel displays + television displays*
PT television receivers
RT flat panel displays
large screen displays
liquid crystal displays
plasma displays
television receivers
three-dimensional television
DEU Fernsehbildschirm
DSY Flachbildschirm

television equipment
BT telecommunication equipment
television
NT set-top boxes
television antennas
television cameras
television displays
television picture tubes
television receivers
television transmitters
video discs
video tape recorders
RT cable television
cathode-ray tubes
closed circuit television
community antenna television
consumer electronics
electronic news gathering
high definition television
modulators
telefilming
television broadcasting
television production
television reception
television stations
video equipment
videotelephony
DEU Fernsehausrüstung

television holography
USE electronic speckle pattern interferometry

television interference
BT electromagnetic interference
television
SY *ghost images, television*
phantom images, television
PT interference
RT clutter
television reception
DEU Fernsehinterferenz

television networks
BT telecommunication networks
television
PT television broadcasting
television systems
DEU Fernsehnetz

television picture tubes
BT cathode-ray tubes
television equipment
SY *colour television picture tubes*
display tubes, television
kinescope
picture tubes, television
RT fluorescent screens
phosphors
DEU Anzeigeröhre
DSY Bildröhre
Farbfernsehbildröhre
Fernsehbildröhre

television post-production
USE television production

television production
BT television
SY *television post-production*
RT digital television
television broadcasting
television equipment
television studios
video equipment
video recording
DEU Fernsehproduktion

television receivers
BT receivers
television equipment
SY *colour television receivers*
UF *TVRO / television antennas + television receivers*
RT fluorescent screens
set-top boxes

television antennas
television displays
television reception
tuning
DEU Fernsehempfänger
DSY Fernseher
Fernsehgerät
TV-Gerät

television reception
BT reception
television
RT community antenna television
signal detection
signal processing
television equipment
television interference
television receivers
DEU Fernsehempfang
DSY Fernsehwahrnehmung

television signals
USE video signals

television standards
BT telecommunication standards
television
UF *HD-MAC / high definition television + television standards*
SY *MAC system*
multiplexed analogue component system
RT digital television
digital video broadcasting
video signals
DEU Fernsehnorm
DSY Fernsehstandard

television stations
BT television
SY *stations, television*
RT television antennas
television broadcasting
television equipment
television transmitters
DEU Fernsehstation

television studios
BT studios
television
RT television broadcasting
television cameras
television production
DEU Fernsehstudio

television transmitters
BT television equipment
transmitters
RT microphones
television antennas
television stations
DEU Fernsehsender

teleworking
BT office automation
NT home working
SY *mobile office*
remote working
virtual office
PT home working
RT mobile computing
DEU Telearbeit

telex
USE telegraphy

Tellur
DEU for tellurium

tellurium
BT metals
SY *Te (chemical element)*
RT tellurium alloys
tellurium compounds
DEU Tellur

tellurium alloys
BT alloys
RT tellurium
tellurium compounds
DEU Tellurlegierung

tellurium compounds
BT inorganic compounds
RT tellurium
tellurium alloys
DEU Tellurverbindung

Tellurlegierung
DEU for tellurium alloys

Tellurverbindung
DEU for tellurium compounds

TEM
USE transmission electron microscopy

TEM cells
BT test facilities
SY *GHz transverse electromagnetic cells*
GTEM cells
transverse electromagnetic cells

PT electromagnetic compatibility
test facilities
RT anechoic chambers (electromagnetic)
antenna testing
electromagnetic compatibility
electromagnetic interference
electromagnetic wave absorption
electronic equipment testing
immunity testing
DEU TEM-Zelle

TEM-Zelle
DEU for TEM cells

temper brittleness
USE brittleness

Temperatur
DEU for temperature

Temperatur der Atmosphäre
DUS für atmospheric temperature

temperature
NT atmospheric temperature
boiling point
Debye temperature
ferroelectric Curie temperature
land surface temperature
magnetic transition temperature
melting point
ocean temperature
plasma temperature
superconducting transition temperature
temperature distribution
RT air conditioning
cooling
critical points
heat
heating
temperature control
temperature measurement
temperature scales
DEU Temperatur

temperature compensation
USE compensation

temperature control
BT thermal variables control
RT cryostats
environmental engineering
environmental testing
temperature
temperature measurement
thermal insulation
thermostats
ventilation
DEU Temperatursteuerung und -regelung

temperature distribution
BT temperature
SY *thermoclines*
RT biothermics
environmental testing
DEU Temperaturverteilung

temperature measurement
BT thermal variables measurement
NT spectral methods of temperature measurement
SY *thermometry*
RT biothermics
bolometers
heat measurement
pyrometers
resistance thermometers
temperature
temperature control
temperature scales
temperature sensors
thermocouples
thermometers
DEU Temperaturmessung

temperature programmed desorption
USE thermally stimulated desorption

temperature scales
BT measurement standards
PT standards
temperature measurement
RT temperature
temperature measurement
DEU Temperaturskala

temperature sensors
BT sensors
NT thermometers
PT temperature measurement
RT electric sensing devices
fibre optic sensors
temperature measurement
thermistors
thermocouples
thermopiles
DEU Temperatursensor

Temperaturmessung
DEU for temperature measurement

Temperaturmessung mit spektraler Methode
DEU for spectral methods of temperature measurement

Temperaturregler
DEU for thermostats

Temperatursensor
DEU for temperature sensors

Temperaturskala
DEU for temperature scales

Temperatursteuerung und -regelung
DEU for temperature control

Temperaturverteilung
DEU for temperature distribution

tempering
BT heat treatment
PT heat treatment of alloys
heat treatment
DEU Anlassen (Wärmebehandlung)

temporäre Datenbank
DEU for temporal databases

temporäre Schlussfolgerung
DEU for temporal reasoning

temporal databases
BT database management systems
SY *time-oriented databases*
PT database management systems
RT temporal logic
DEU temporäre Datenbank
DSY zeitweilige Datenbank

temporal logic
BT formal logic
SY *event calculus*
PT formal logic
RT database theory
logic programming
temporal databases
temporal reasoning
DEU temporale Logik

temporal reasoning
BT inference mechanisms
PT inference mechanisms
RT computational geometry
planning (artificial intelligence)
spatial reasoning
temporal logic
DEU temporäre Schlussfolgerung
DSY zeitweise Schlussfolgerung

temporale Logik
DEU for temporal logic

TEMs
USE transmission electron microscopes

tenacity
USE tensile strength

tendering
BT management
SY *bidding (business)*
RT contracts
production management
project management
public administration
DEU Ausschreibung

tensile strength
BT mechanical strength
NT yield strength
SY *tenacity*
ultimate tensile strength
UTS
RT deformation
elasticity
stress-strain relations
tensile testing
workability
DEU Zugfestigkeit

tensile testing
BT materials testing
mechanical testing
PT materials testing
mechanical testing
RT tensile strength
DEU Zugfestigkeitsprüfung
DSY Zugfestigkeitstest

Tensor
DEU for tensors

tensor dominance model
BT elementary particle theory
PT elementary particle interaction models
RT elementary particle interaction models
vector meson dominance model
DEU Tensordominanzmodell

Tensordominanzmodell
DEU for tensor dominance model

tensors
BT linear algebra
UF *Riemann-Cristoffel tensors / general relativity + tensors*
DEU Tensor

Teppich
DEU for carpets

terahertz imaging
USE terahertz wave imaging

terahertz materials
BT materials
NT terahertz metamaterials
SY *submillimetre wave materials*
RT millimetre wave materials
optical materials
DEU Terahertzmaterial
DSY Terahertzwerkstoff

terahertz metamaterials
BT electromagnetic metamaterials
terahertz materials
UF *photonic metamaterials / optical metamaterials + terahertz metamaterials*
RT backward wave oscillators
computational electromagnetics
defected ground structures
frequency selective surfaces
leaky wave antennas
metamaterial antennas
microwave metamaterials
optical metamaterials
photonic band gap
photonic crystals
plasmonics
polaritons
slot antennas
slow light
slow wave structures
surface plasmon resonance
surface plasmons
terahertz wave devices
DEU Terahertzmetamaterial
DSY Terahertzmetawerkstoff

terahertz radiation
USE terahertz waves

terahertz spectroscopy
BT radiofrequency spectroscopy
PT submillimetre wave spectroscopy
RT infrared spectroscopy
millimetre wave spectroscopy
submillimetre wave spectroscopy
terahertz wave spectra
DEU Terahertz-Spektrometrie
DSY Terahertz-Spektroskopie
Terahertzspektrometrie
Terahertzspektroskopie

terahertz wave detectors
BT sensors
terahertz wave devices
PT submillimetre wave detectors
RT image sensors
infrared detectors
millimetre wave detectors
submillimetre wave detectors
terahertz wave imaging
DEU Terahertzwellendetektor

terahertz wave devices
NT terahertz wave detectors
PT submillimetre wave devices
RT millimetre wave detectors
millimetre wave devices
millimetre wave generation
submillimetre wave detectors
submillimetre wave devices
submillimetre wave generation
terahertz metamaterials
terahertz wave generation
terahertz waves
DEU Terahertzwellengerät

terahertz wave generation
PT submillimetre wave generation
RT infrared sources
millimetre wave generation
submillimetre wave generation
terahertz wave devices
terahertz waves
DEU Terahertzwellenerzeugung
DSY Terahertzwellengenerierung

terahertz wave imaging
BT radiofrequency imaging
SY *terahertz imaging*
THz imaging
PT submillimetre wave imaging
RT image sensors
infrared imaging
millimetre wave imaging
submillimetre wave imaging
terahertz wave detectors
DEU Terahertzwellenbildaufzeichnung
DSY Terahertzwellenbildgebung

terahertz wave spectra
BT radiofrequency spectra
PT submillimetre wave spectra
RT infrared spectra
millimetre wave spectra

submillimetre wave spectra
terahertz spectroscopy
DEU Terahertzwellenspektrum

terahertz waves
BT radiowaves
SY *terahertz radiation*
THz radiation
PT submillimetre waves
RT millimetre waves
submillimetre waves
terahertz wave devices
terahertz wave generation
DEU Terahertzwelle

Terahertz-Spektrometrie
DEU for terahertz spectroscopy

Terahertz-Spektroskopie
DUS für terahertz spectroscopy

Terahertzmaterial
DEU for terahertz materials

Terahertzmetamaterial
DEU for terahertz metamaterials

Terahertzmetawerkstoff
DUS für terahertz metamaterials

Terahertzspektrometrie
DUS für terahertz spectroscopy

Terahertzspektroskopie
DUS für terahertz spectroscopy

Terahertzwelle
DEU for terahertz waves

Terahertzwellenbildaufzeichnung
DEU for terahertz wave imaging

Terahertzwellenbildgebung
DUS für terahertz wave imaging

Terahertzwellendetektor
DEU for terahertz wave detectors

Terahertzwellenerzeugung
DEU for terahertz wave generation

Terahertzwellengenerierung
DUS für terahertz wave generation

Terahertzwellengerät
DEU for terahertz wave devices

Terahertzwellenspektrum
DEU for terahertz wave spectra

Terahertzwerkstoff
DUS für terahertz materials

terbium
BT rare earth metals
SY *Tb (chemical element)*
RT terbium alloys
terbium compounds
DEU Terbium

terbium alloys
BT rare earth alloys
PT rare earth alloys
RT terbium
terbium compounds
DEU Terbiumlegierung

terbium compounds
BT rare earth compounds
RT terbium
terbium alloys
DEU Terbiumverbindung

Terbiumlegierung
DEU for terbium alloys

Terbiumverbindung
DEU for terbium compounds

Terbium
DEU for terbium

term rewriting systems
USE rewriting systems

Termersetzungssystem
DEU for rewriting systems

terminal emulation
BT computer communications software
PT computer communications software
DEU Terminal-Emulation

Terminal-Emulation
DEU for terminal emulation

terminals, interactive
USE interactive terminals

termination of employment
BT employment
human resource management
SY *dismissal (employment)*

redundancy (employment)
retirement
RT age issues
pensions
unemployment
DEU Beschäftigungsabbruch
DSY Beschäftigungsende
Kündigung (Arbeitsverhältnis)

termination, algorithm
USE program verification

terminology
USE nomenclature

Termitschweißen
DEU for oxy-fuel welding

Ternärcode
DEU for ternary codes

ternäre Logik
DEU for ternary logic

ternärer Code
DUS für ternary codes

ternärer Halbleiter
DEU for ternary semiconductors

ternary codes
BT codes
PT codes
RT error correction codes
DEU Ternärcode
DSY ternärer Code

ternary decision diagrams
USE decision diagrams

ternary logic
BT multivalued logic
SY *three-valued logic*
PT many-valued logics
RT fuzzy logic
logic circuits
multivalued logic circuits
DEU ternäre Logik

ternary semiconductors
BT semiconductor materials
SY *I-II-VI2 semiconductors*
I-III-VI2 semiconductors
II-III2-VI4 semiconductors
II-IV-V2 semiconductors
PT semiconductor materials
RT chalcogenide glasses
DEU ternärer Halbleiter

terrain mapping
BT cartography
geophysical techniques
remote sensing
PT geophysical techniques
remote sensing by radar
remote sensing
RT digital elevation models
hyperspectral imaging
land cover
land use
remote sensing by radar
topography (Earth)
vegetation mapping
DEU Geländekartografie
DSY Geländekartographie

terrestrial age
USE geochronology

terrestrial atmosphere
BT planetary atmospheres
NT air
atmospheric acoustics
atmospheric chemistry
atmospheric composition
atmospheric electricity
atmospheric electromagnetic wave propagation
atmospheric humidity
atmospheric ionisation
atmospheric movements
atmospheric optics
atmospheric precipitation
atmospheric pressure
atmospheric radiation
atmospheric radioactivity
atmospheric spectra
atmospheric structure
atmospheric techniques
atmospheric temperature
atmospheric thermodynamics
atmospherics
climatology
clouds
fog
meteorology
stratosphere
troposphere
upper atmosphere
SY *atmosphere, terrestrial*
atmospheric density
density, atmospheric
Earth atmosphere
palaeoatmosphere
palaeoclimatology
primordial atmosphere
RT Earth

geophysics
meteors
solar-terrestrial relationships
DEU Erdatmosphäre

terrestrial composition
USE Earth composition

terrestrial electricity
BT electricity
SY *Earth electricity*
geoelectricity
RT geophysics
magnetotellurics
well logging
DEU Erdelektrizität
DSY terrestrische Elektrizität

terrestrial heat
BT heat
SY *Earth heat*
RT geophysics
geothermal power
ground source heat pumps
land surface temperature
magma
volcanology
DEU Erdwärme

terrestrial magnetism
USE geomagnetism

terrestrische Elektrizität
DUS für terrestrial electricity

terrorism
UF *bioterrorism / biohazards + terrorism*
RT critical infrastructures
disasters
emergency management
energy security
explosive detection
explosives
government policies
military systems
national security
rescue robots
safety systems
security
surveillance
weapons
DEU Terrorismus

Terrorismus
DEU for terrorism

Test des Lärmpegels
DUS für acoustic emission testing

Test elektronischer Bauelement
DUS für electron device testing

test equipment
NT automatic test equipment
battery testers
SY *testing equipment*
RT laboratory techniques
portable instruments
testing
DEU Testausrüstung
DSY Testausstattung
Testgerät

test facilities
BT engineering facilities
NT aerospace test facilities
anechoic chambers (acoustic)
anechoic chambers (electromagnetic)
open area test sites
reverberation chambers
TEM cells
RT antenna testing
laboratories
laboratory techniques
nuclear engineering
DEU Prüfanlage
DSY Testanlage

Test physikalischer Grundlagengesetze
DUS für fundamental law tests

Testanlage
DUS für test facilities

Testausrüstung
DEU for test equipment

Testausstattung
DUS für test equipment

Testautomat
DUS für automatic test equipment

Testen
DUS für testing

Testen des Geräuschpegels
DUS für acoustic emission testing

Testgerät
DUS für test equipment

testing
NT aerospace testing
antenna testing
automatic testing
benchmark testing
boundary scan testing
built-in self test
cable testing
computer testing
conformance testing
electron beam testing
electron device testing
electronic equipment testing
environmental testing
immunity testing
impulse testing
insulation testing
life testing
logic testing
machine testing
materials testing
mechanical testing
optical testing
production testing
program testing
statistical testing
switchgear testing
transformer testing
RT aerospace test facilities
automatic test equipment
electrical faults
fault diagnosis
inspection
laboratory techniques
measurement
power conversion
quality control
reliability
reverberation chambers
test equipment
DEU Erfolgskontrolle
DSY Erprobung
Probe
Prüfen
Prüfung
Testen
Testung
Überprüfung
Untersuchung

testing equipment
USE test equipment

Testung
DUS für testing

tetraneutrons
USE neutrons

Tetrode
DEU for tetrodes

tetrodes
BT vacuum tubes
DEU Tetrode

Texas Instruments computers
BT digital computers
SY *TI computers*
PT microcomputers
RT microcomputers
DEU Texas-Instruments-Computer
DSY Texas-Instruments-Rechner

Texas-Instruments-Computer
DEU for Texas Instruments computers

Texas-Instruments-Rechner
DUS für Texas Instruments computers

text analysis
BT document handling
information analysis
UF *text processing / text analysis + word processing*
SY *text understanding*
PT document handling
information analysis
natural languages
RT abstracting
e-mail filters
hypermedia
natural language processing
natural languages
ontologies (artificial intelligence)
question answering (information retrieval)
text detection
word processing
DEU Textanalyse

text detection
BT pattern recognition
SY *text extraction*
RT character recognition
document image processing
feature extraction
handwriting recognition
handwritten character recognition
image recognition
optical character recognition
text analysis
video signal processing
DEU Textdetektion

text editing
BT data handling
SY *editing, text*
program editors
RT information science
word processing
DEU Textaufbereitung
DSY Texteditierung

text extraction
USE text detection

text messaging
USE electronic messaging

text processing
USE text analysis
\+ word processing

text scanners
USE image scanners

text understanding
USE text analysis

text-to-speech synthesis
USE speech synthesis

Textanalyse
DEU for text analysis

Textaufbereitung
DEU for text editing

Textdetektion
DEU for text detection

Texteditierung
DUS für text editing

Texteditor
DEU for authoring systems

textile fibers
USE textile fibres

textile fibres
BT fibres
textiles
SY *textile fibers*
PT fibres
RT cotton
natural fibres
spinning (textiles)
textile technology
DEU Textilfaser

textile industry
BT manufacturing industries
RT clothing industry
drying
dyeing
fibres
laundering
textile machinery
textile technology
DEU Textilindustrie

textile machinery
BT machinery
production equipment
NT knitting machines
sewing machines
spinning machines
PT textile industry
RT needles
textile industry
textile technology
DEU Textilmaschine

textile products
BT manufactured products
SY *technical textiles*
PT textile industry
RT carpets
textiles
DEU Textilerzeugnis
DSY Textilprodukt
Textilware

textile technology
BT technology
NT spinning (textiles)
weaving
UF *sewing / joining processes* +
textile technology
PT textile industry
RT bleaching (materials processing)
sizing (materials processing)
textile fibres
textile industry
textile machinery
textiles
waterproofing
DEU Textiltechnik
DSY Textiltechnologie

textiler Verbundstoff
DUS für woven composites

Textilerzeugnis
DEU for textile products

textiles
BT materials
NT fabrics
textile fibres
RT textile products
textile technology
yarn
DEU Textilien

Textilfaser
DEU for textile fibres

Textilien
DEU for textiles

Textilindustrie
DEU for textile industry

Textilmaschine
DEU for textile machinery

Textilprodukt
DUS für textile products

Textiltechnik
DEU for textile technology

Textiltechnologie
DUS für textile technology

Textilware
DUS für textile products

texting
USE electronic messaging

Textprozessor
DUS für authoring systems

Textprüfhilfe (Grammatik)
DUS für spelling aids

Textur
DUS für texture

Textur (Grafik)
DUS für texture, graphics

texture
NT recrystallisation texture
surface texture
SY *pole figures*
preferred orientation
PT crystal microstructure
RT crystal microstructure
melt texturing
DEU Beschaffenheit
DSY Gefüge (Form)
Maserung (Form)
Struktur (Form)
Textur

texture, graphics
USE computer graphics
\+ image texture
DSY Textur (Grafik)

texture, image
USE image texture

texture, surface
USE surface texture

Textverarbeitung
DEU for word processing

Textverarbeitungssoftware
DUS für authoring systems

TFEL devices
USE electroluminescent devices
\+ thin film devices

TGA
USE thermal analysis

Th (chemical element)
USE thorium
DEU Th (chemisches Element)

Th (chemisches Element)
DEU for Th (chemical element)

thallium
BT metals
SY *Tl (chemical element)*
RT thallium alloys
thallium compounds
DEU Thallium

thallium alloys
BT alloys
PT thallium compounds
RT thallium
thallium compounds
DEU Thalliumlegierung

thallium compounds
BT inorganic compounds
RT thallium
thallium alloys
DEU Thalliumverbindung

Thalliumlegierung
DEU for thallium alloys

Thalliumverbindung
DEU for thallium compounds

Thallium
DEU for thallium

thawing
USE melting

THD
USE harmonic distortion

The Galaxy
USE Galaxy

The Grid
USE grid computing

Theodolit
DEU for theodolites

theodolites
BT instruments
RT angular measurement
geodesy
geophysical equipment
surveying
DEU Theodolit

theorem proving
BT artificial intelligence
computation theory
SY *proof systems*
proving, theorem
RT formal logic
problem solving
rewriting systems
symbol manipulation
DEU Theorembeweis
DSY Theoremprüfung

Theorembeweis
DEU for theorem proving

Theoremprüfung
DUS für theorem proving

theoretische Informatik
DUS für computation theory

Theorie der Elementarpartikel
DUS für elementary particle theory

Theorie der Elementarteilchen
DUS für elementary particle theory

Theorie der schwachen elektrischen Wechselwirkung
DUS für electroweak theories

Theorie der schwachen Elektrizität
DUS für electroweak theories

Theorie des elektrischen Feldes
DUS für electromagnetic field theory

Theorie des elektromagnetischen Lichts
DUS für electromagnetic theory of light

therapeutischer Ultraschall
DEU for ultrasonic therapy

therapy, radiation
USE radiation therapy

thermal analysis
NT differential scanning calorimetry
differential thermal analysis
SY *TGA*
thermogravimetry
PT calorimetry
chemical analysis
RT calorimetry
chemical analysis
exergy
phase diagrams
thermal management (packaging)
thermal stability
DEU thermische Analyse

thermal barrier coatings
BT protective coatings
PT protective coatings
RT functionally graded materials
plasma arc sprayed coatings
thermal insulating materials
DEU Wärmeschutzschicht

thermal blooming
BT nonlinear optics
PT nonlinear optics
RT laser beams
thermal lensing
DEU thermische Blühen (Laser)

thermal capacity
USE specific heat

thermal conduction
USE heat conduction

thermal conductivity
BT thermal properties
transport processes
NT Lorenz number
thermal magnetoresistance
SY *conductivity, thermal*
resistivity, thermal
thermal resistivity
RT heat conduction
heat transfer
Kapitza resistance
phonon-phonon interactions
skutterudites
thermal conductivity measurement
thermal diffusivity
thermal insulating materials
thermal management (packaging)
thermoelasticity
DEU Wärmeleitfähigkeit

thermal conductivity measurement
BT thermal variables measurement
RT thermal conductivity
DEU Messen der thermischen Leitfähigkeit
DSY Messung der thermischen Leitfähigkeit
thermische Leitfähigkeitsmessung

thermal convection
USE convection

thermal critical constants
BT thermal properties
DEU thermale kritische Konstante

thermal decomposition
USE pyrolysis

thermal diffusion
BT diffusion
SY *Dufour effect*
Dufour number
Soret effect
thermodiffusion
PT diffusion
RT isotope separation
DEU thermische Diffusion

thermal diffusivity
BT thermal properties
transport processes
SY *diffusivity, thermal*
thermometric conductivity
PT thermal conductivity
RT heat transfer
thermal conductivity
thermal insulation
DEU thermische Diffusionsfähigkeit

thermal effects
BT thermodynamics
DEU thermische Effekt
DSY thermische Wirkung

thermal energy storage
BT energy storage
NT solar ponds
SY *heat storage*
PT energy storage
RT cold storage
exergy
heating
phase change materials
solar energy conversion
space cooling
thermal engineering
DEU Wärmeenergiespeicher
DSY Wärmespeicher

thermal engineering
BT engineering
RT combustion equipment
cooling
heat recovery
heat systems
heating
thermal energy storage
thermal power stations
DEU Wärmetechnik

thermal expansion measurement
BT spatial variables measurement
PT length measurement
thermal expansion
RT length measurement
thermal expansion
volume measurement
DEU thermische Ausdehnungsmessung

thermal expansion
BT thermal properties
SY *coefficient of thermal expansion*
expansion, thermal
UF *Invar effect / magnetomechanical effects + thermal expansion*
RT elongation
expansion fitting
extensometers
Gruneisen coefficient
swelling
thermal expansion measurement
DEU thermische Ausdehnung

DSY thermische Expansion

thermal fatigue
USE thermal stress cracking

thermal imaging
USE infrared imaging

thermal insulating materials
BT insulating materials
SY *insulating materials, thermal*
PT insulating materials
RT functionally graded materials
thermal barrier coatings
thermal conductivity
DEU Wärmedämmstoff

thermal insulation
BT insulation
SY *heat insulation*
insulation, thermal
PT insulation
RT cooling
heat losses
heat sinks
heat transfer
temperature control
thermal diffusivity
DEU Wärmeisolation (allgemein)

thermal lensing
BT thermo-optical effects
RT laser beams
nonlinear optics
optical distortion
solid lasers
thermal blooming
DEU thermische Linse

thermal magnetoresistance
BT magnetic field effects
thermal conductivity
SY *magnetoresistance, thermal*
PT thermal conductivity of solids
DEU thermische Magnetoresistenz

thermal management (packaging)
BT electronics packaging
PT cooling
packaging
thermal analysis
RT cooling
heat sinks
integrated circuit packaging
phase change materials
thermal analysis
thermal conductivity
DEU thermisches Management
(Packung)

thermal noise
BT random noise
SY *Johnson noise*
Nyquist noise
resistance noise
DEU thermisches Rauschen
DSY Wärmerauschen

thermal plumes
USE thermal pollution

thermal pollution
BT pollution
UF *heat islands / atmospheric temperature + thermal pollution*
SY *thermal plumes*
UF *urban heat islands / atmospheric temperature + thermal pollution*
RT air pollution
convection
global warming
industrial pollution
marine pollution
waste heat
water pollution
DEU Wärmebelastung

thermal power stations
BT power stations
NT combined cycle power stations
diesel-electric power stations
gas turbine power stations
geothermal power stations
steam power stations
PT power stations
RT cogeneration
exergy
fossil fuels
hydrothermal power systems
power plants
thermal engineering
trigeneration
waste-to-energy power plants
DEU Wärmekraftwerk

thermal printers
BT printers
PT printers
DEU Thermodrucker

thermal properties
NT specific heat
swelling
thermal conductivity
thermal critical constants
thermal diffusivity
thermal expansion
thermal shock

thermal stability
thermal stresses
PT thermal properties of substances
RT heat
magnetocaloric effects
materials properties
Scott effect
thermal variables control
thermal variables measurement
DEU thermische Eigenschaften

thermal quenching
USE quenching (thermal)

thermal radiation
USE heat radiation

thermal resistance
BT heat conduction
PT heat conduction
DEU Wärmebeständigkeit
DSY Wärmewiderstand

thermal resistance measurement
BT thermal variables measurement
PT thermal variables measurement
DEU thermische Widerstandsmessung

thermal resistivity
USE thermal conductivity

thermal shock
BT mechanical properties
thermal properties
SY *shock, thermal*
PT cracks
fracture
stress analysis
stress effects
RT stress analysis
thermal stress cracking
thermal stresses
DEU Wärmestoß

thermal shock failure
USE thermal stress cracking

thermal spikes
USE crystal defects
+ radiation effects

thermal spraying
BT spraying
RT plasma arc spraying
spray coating techniques
wear resistant coatings
DEU thermisches Spritzen

thermal stability
BT stability
thermal properties
RT heat treatment
thermal analysis
thermal stresses
DEU thermische Stabilität
DSY Wärmestabilität

thermal stress cracking
BT cracks
SY *cracking, thermal stress*
fatigue, thermal
thermal fatigue
thermal shock failure
PT cracks
RT environmental degradation
fatigue
thermal shock
thermal stresses
DEU thermischer Beanspruchungsriss

thermal stresses
BT internal stresses
thermal properties
UF *stress / internal stresses* + *stress effects* + *stress-strain relations* + *thermal stresses* + *yield stress*
UF *stresses / internal stresses* + *stress effects* + *stress-strain relations* + *thermal stresses* + *yield stress*
PT stress analysis
stress effects
RT functionally graded materials
stress analysis
thermal shock
thermal stability
thermal stress cracking
thermoelasticity
DEU Wärmebeanspruchung

thermal transformations
USE phase transformations

thermal variables control
BT control of specific variables
NT temperature control
RT heat
thermal properties
DEU Kontrolle thermischer Größen
DSY Kontrolle thermischer Variabler
Regelung thermischer Größen
Regelung thermischer Variabler
Steuerung thermischer Größen
Steuerung thermischer Variabler
Steuerung und Regelung thermischer Größen

thermische Größenkontrolle
thermische Größenregelung
thermische Größensteuerung

thermal variables measurement
BT measurement
NT calorimetry
heat measurement
temperature measurement
thermal conductivity measurement
thermal resistance measurement
RT bolometers
calorimeters
heat
infrared detectors
radiometers
thermal properties
thermocouples
thermometers
DEU Messen thermischer Größen

thermal wave imaging
USE photothermal effects

thermale kritische Konstante
DEU for thermal critical constants

thermally induced flow
USE convection

thermally stimulated capacitor discharge
USE thermally stimulated currents

thermally stimulated currents
BT transport processes
SY *ionic thermocurrents*
thermally stimulated capacitor discharge
thermally stimulated depolarisation
thermally stimulated depolarization
thermally stimulated discharge
thermally stimulated ionic currents
thermally stimulated polarisation
thermally stimulated polarization
thermally stimulated relaxation currents
thermocurrents
TSC
TSCD
TSD
PT electrical conductivity of solid semiconductors and insulators
RT electrical conductivity
DEU thermisch stimulierter Strom
DSY thermisch stimulierter Stromfluss

thermally stimulated depolarisation
USE thermally stimulated currents

thermally stimulated depolarization
USE thermally stimulated currents

thermally stimulated desorption
BT desorption
SY *temperature programmed desorption*
PT desorption
RT electron stimulated desorption
photon stimulated desorption
DEU thermisch angeregte Desorption

thermally stimulated discharge
USE thermally stimulated currents

thermally stimulated exoelectron emission
USE exoelectron emission

thermally stimulated ionic currents
USE thermally stimulated currents

thermally stimulated polarisation
USE thermally stimulated currents

thermally stimulated polarization
USE thermally stimulated currents

thermally stimulated relaxation currents
USE thermally stimulated currents

thermionic cathodes
BT cathodes
SY *heated cathodes*
hot cathodes
RT thermionic electron emission
thermionic emission
thermionic tubes
DEU Glühkathode

thermionic conversion
BT direct energy conversion
SY *thermionic generators*
DEU thermionischer Konverter
DSY thermoionische Energieumwandlung

thermionic electron emission
BT electron emission
thermionic emission
NT Schottky effect
RT thermionic cathodes
DEU thermische Elektronenemission

thermionic emission
BT emission
NT thermionic electron emission
thermionic ion emission
RT thermionic cathodes
thermionic tubes
DEU Edison-Effekt
DSY glühelektrischer Effekt
Glühemission
Richardson-Effekt
thermische Emission
thermische Ionenemission

thermionic generators
USE thermionic conversion

thermionic ion emission
BT ion emission
thermionic emission
DEU thermische Ionenemission

thermionic tubes
BT electron tubes
NT cathode-ray tubes
thyratrons
X-ray tubes
SY *hot cathode tubes*
thermionic valves
RT electron wave tubes
thermionic cathodes
thermionic emission
vacuum tubes
DEU thermionische Röhre

thermionic valves
USE thermionic tubes

thermionische Röhre
DEU for thermionic tubes

thermionischer Konverter
DEU for thermionic conversion

thermisch angeregte Desorption
DEU for thermally stimulated desorption

thermisch stimulierter Strom
DEU for thermally stimulated currents

thermisch stimulierter Stromfluss
DUS für thermally stimulated currents

thermische Analyse
DEU for thermal analysis

thermische Ausdehnung
DEU for thermal expansion

thermische Ausdehnungsmessung
DEU for thermal expansion measurement

thermische Blühen (Laser)
DEU for thermal blooming

thermische Diffusion
DEU for thermal diffusion

thermische Diffusionsfähigkeit
DEU for thermal diffusivity

thermische Effekt
DEU for thermal effects

thermische Eigenschaften
DEU for thermal properties

thermische Elektronenemission
DEU for thermionic electron emission

thermische Emission
DUS für thermionic emission

thermische Expansion
DUS für thermal expansion

thermische Größenkontrolle
DUS für thermal variables control

thermische Größenregelung
DUS für thermal variables control

thermische Größensteuerung
DUS für thermal variables control

thermische Ionenemission
DUS für thermionic emission

thermische Ionenemission
DEU for thermionic ion emission

thermische Leitfähigkeitsmessung
DUS für thermal conductivity measurement

thermische Linse
DEU for thermal lensing

thermische Magnetoresistenz
DEU for thermal magnetoresistance

thermische Stabilität
DEU for thermal stability

thermische Widerstandsmessung
DEU for thermal resistance measurement

thermische Wirkung
DUS für thermal effects

thermischer Beanspruchungsriss
DEU for thermal stress cracking

thermisches Management (Packung)
DEU for thermal management (packaging)

thermisches Rauschen
DEU for thermal noise

thermisches Spritzen
DEU for thermal spraying

Thermistor
DUS für thermistors

thermistors
BT resistors
semiconductor devices
SY *barretters*
RT bolometers
temperature sensors
thermostats
DEU Heißleiter
DSY Thermistor

thermo field theory
USE finite temperature field theory

thermo-EMF
USE thermoelectricity

thermo-optical devices
UF *thermooptics / thermo-optical devices + thermo-optical effects*
PT thermo-optical effects
RT integrated optics
optical switches
solid lasers
thermo-optical effects
DEU thermo-optisches Bauelement
DSY thermo-optisches Gerät

thermo-optical effects
BT optical properties
NT thermal lensing
thermoreflectance
SY *thermochromism*
UF *thermooptics / thermo-optical devices + thermo-optical effects*
PT optical properties of substances
RT thermo-optical devices
DEU thermo-optischer Effekt

thermo-optischer Effekt
DEU for thermo-optical effects

thermo-optisches Bauelement
DEU for thermo-optical devices

thermo-optisches Gerät
DUS für thermo-optical devices

thermoacoustics
BT acoustics
DEU Thermoakustik

Thermoakustik
DEU for thermoacoustics

thermocapillary aberration
USE aberrations

thermochemical energy conversion
USE chemical energy conversion

Thermochemie
DEU for thermochemistry

thermochemistry
BT physical chemistry
NT heat of adsorption
heat of mixing
heat of reaction
heat of solution
heat of transformation
RT chemical reactions
latent heat
thermodynamics
DEU Thermochemie

thermochromism
USE thermo-optical effects

thermoclines
USE temperature distribution

thermocompression bonding
USE lead bonding
\+ tape automated bonding

thermocouples
BT thermoelectric devices
RT temperature measurement
temperature sensors
thermal variables measurement
thermoelectricity
thermometers
thermopiles
DEU thermoelektrische Anordnung
DSY thermoelektrische Vorrichtung
thermoelektrisches Bauelement

thermoelektrisches Betriebsmittel
thermoelektrisches Einrichtung
thermoelektrisches Gerät
Thermokopplung
Wärmekoppler

thermocurrents
USE thermally stimulated currents

thermodiffusion
USE thermal diffusion

Thermodrucker
DEU for thermal printers

thermodynamic cycles
BT thermodynamics
NT Brayton cycle
Carnot cycle
Otto cycle
Rankine cycle
PT thermodynamics
RT heat engines
heat pumps
refrigeration
Stirling engines
DEU thermodynamischer Kreisprozess

thermodynamic equations of state
USE equations of state

thermodynamic potential
USE free energy

thermodynamic properties
BT thermodynamics
NT boiling point
chemical potential
emissivity
enthalpy
entropy
equations of state
exergy
free energy
fugacity
Gruneisen coefficient
heat of adsorption
heat of mixing
heat of reaction
heat of solution
heat of transformation
latent heat
melting point
plasma thermodynamics
specific heat
surface energy
vapour pressure
SY *activity (thermodynamics)*
RT heat
irreversible thermodynamics
nonequilibrium thermodynamics
DEU thermodynamische Eigenschaft

thermodynamics
NT atmospheric thermodynamics
irreversible thermodynamics
Joule-Thomson effect
nonequilibrium thermodynamics
thermal effects
thermodynamic cycles
thermodynamic properties
SY *Caratheodory's principle*
Gibbs-Duhem equation
Onsager relations
UF *statistical thermodynamics /*
statistical mechanics +
thermodynamics
RT chemical equilibrium
chemical reactions
engines
enthalpy
entropy
equations of state
heat
physical chemistry
physics fundamentals
statistical mechanics
Stirling engines
thermochemistry
DEU Thermodynamik

thermodynamics, nuclear
USE nuclear thermodynamics

Thermodynamik
DEU for thermodynamics

Thermodynamik der Atmosphäre
DUS für atmospheric thermodynamics

thermodynamische Eigenschaft
DEU for thermodynamic properties

thermodynamischer Kreisprozess
DEU for thermodynamic cycles

thermoelasticity
BT elasticity
RT shape memory effects
thermal conductivity
thermal stresses
DEU Thermoelastizität

Thermoelastizität
DEU for thermoelasticity

thermoelectrets
BT electrets
thermoelectricity
PT electrets
thermoelectricity
DEU Thermoelektret

thermoelectric conversion
BT direct energy conversion
NT radioisotope thermoelectric generators
thermoelectric cooling
SY *alkali metal thermoelectric convertors*
AMTEC
thermoelectric generators
RT thermoelectric devices
DEU thermoelektrische Energieumwandlung

thermoelectric cooling
BT cooling
thermoelectric conversion
PT cooling
thermoelectric conversion
RT Peltier effect
refrigeration
thermoelectric devices
DEU thermoelektrische Kühlung

thermoelectric devices
NT radioisotope thermoelectric generators
thermocouples
thermopiles
PT thermoelectric conversion
thermoelectricity
RT thermoelectric conversion
thermoelectric cooling
thermoelectricity
DEU thermoelektrisches Bauelement
DSY thermoelektrisches Gerät

thermoelectric effect
USE thermoelectricity

thermoelectric generators
USE thermoelectric conversion

thermoelectric power
BT thermoelectricity
SY *thermopower*
PT thermoelectric effects in metals and alloys
thermoelectric effects in semiconductors and insulators
thermoelectricity
DEU thermoelektrische Leistung

thermoelectricity
BT electric properties
NT Peltier effect
Seebeck effect
thermoelectrets
thermoelectric power
thermomagnetic effects
Thomson effect
SY *thermo-EMF*
thermoelectric effect
RT skutterudites
thermocouples
thermoelectric devices
thermopiles
DEU Thermoelektrizität

Thermoelektret
DEU for thermoelectrets

thermoelektrische Anordnung
DEU for thermocouples

thermoelektrische Energieumwandlung
DEU for thermoelectric conversion

thermoelektrische Kühlung
DEU for thermoelectric cooling

thermoelektrische Leistung
DEU for thermoelectric power

thermoelektrische Vorrichtung
DUS für thermocouples

thermoelektrischer Radioisotopengenerator
DUS für radioisotope thermoelectric generators

thermoelektrisches Bauelement
DUS für thermocouples

thermoelektrisches Bauelement
DEU for thermoelectric devices

thermoelektrisches Betriebsmittel
DUS für thermocouples

thermoelektrisches Einrichtung
DUS für thermocouples

thermoelektrisches Gerät
DUS für thermocouples
thermoelectric devices

Thermoelektrizität
DEU for thermoelectricity

Thermoformen
DEU for thermoforming

thermoforming
BT forming processes
PT forming processes
RT moulding
DEU Thermoformen

thermography
USE infrared imaging

thermogravimetrische Analyse
DEU for thermogravimetry

thermogravimetry
USE thermal analysis
DEU thermogravimetrische Analyse

thermohydrodynamics
USE convection

thermoionische Energieumwandlung
DUS für thermionic conversion

thermokapillare Aberration
DUS für aberrations

Thermokopplung
DUS für thermocouples

thermoluminescence
BT luminescence
SY *glow curves*
UF *thermoluminescence dating / geochronology + thermoluminescence*
RT thermoluminescent dosimeters
DEU Thermolumineszenz

thermoluminescence dating
USE geochronology
\+ thermoluminescence

thermoluminescent dosimeters
BT dosimeters
luminescent devices
SY *TLD*
PT dosimeters
RT dosimetry
thermoluminescence
DEU Thermolumineszenzdosimeter

Thermolumineszenz
DEU for thermoluminescence

Thermolumineszenzdosimeter
DEU for thermoluminescent dosimeters

thermolysis
USE pyrolysis

thermomagnetic effects
BT galvanomagnetic effects
thermoelectricity
SY *Ettingshausen effect*
galvanothermomagnetic effects
Maggi-Righi-Leduc effect
Nernst effect
Nernst-Ettingshausen effect
Righi-Leduc effect
PT galvanothermomagnetic effects
magnetothermal effects
DEU thermomagnetischer Effekt

thermomagnetic recording
BT magnetic recording
magnetocaloric effects
NT magneto-optical recording
PT magnetic recording
magnetothermal effects
RT laser beam applications
optical storage
DEU thermomagnetische Aufzeichnung

thermomagnetic torque
USE Scott effect

thermomagnetic treatment
BT heat treatment
magnetic field effects
NT magnetic annealing
PT heat treatment of alloys
heat treatment
magnetic field effects
RT magnetocaloric effects
DEU thermomagnetische Behandlung

thermomagnetische Aufzeichnung
DEU for thermomagnetic recording

thermomagnetische Behandlung
DEU for thermomagnetic treatment

thermomagnetischer Effekt
DEU for thermomagnetic effects

thermomechanical processing
USE thermomechanical treatment

thermomechanical treatment
BT heat treatment
SY *thermomechanical processing*
PT heat treatment of alloys
heat treatment
RT deformation
hot pressing
hot working
DEU thermomechanische Behandlung

thermomechanische Behandlung
DEU for thermomechanical treatment

Thermometer
DEU for thermometers

thermometers
BT temperature sensors
NT resistance thermometers
RT bimetals
pyrometers
temperature measurement
thermal variables measurement
thermocouples
thermopiles
DEU Thermometer

thermometric conductivity
USE thermal diffusivity

thermometry
USE temperature measurement

thermonuclear devices
USE fusion reactors
\+ plasma devices

thermonuclear fuels
USE fusion reactor fuel

thermonuclear ignition
USE fusion reactor ignition

thermonuclear reaction chamber
USE fusion reactor reaction chamber

thermonuclear reactions
USE nuclear fusion

thermonuclear reactor materials
USE fusion reactor materials

thermonuclear reactor walls
USE fusion reactor materials

thermooptics
USE thermo-optical devices
\+ thermo-optical effects

thermophotovoltaic cells
BT photovoltaic cells
SY *TPV cells*
PT photovoltaic cells
RT photovoltaic effects
solar cells
DEU thermophotovoltaische Zelle

thermophotovoltaische Zelle
DEU for thermophotovoltaic cells

thermopiles
BT thermoelectric devices
RT temperature sensors
thermocouples
thermoelectricity
thermometers
DEU Thermosäule

thermoplastic timber
USE plastic products

thermopower
USE thermoelectric power

thermoreflectance
BT reflectivity
thermo-optical effects
PT reflectivity
RT modulation spectra
DEU Thermoreflektanz

Thermoreflektanz
DEU for thermoreflectance

thermoremanence
USE remanence

Thermosäule
DEU for thermopiles

thermosonic bonding
USE lead bonding
\+ tape automated bonding

Thermosphäre
DEU for thermosphere

thermosphere
BT upper atmosphere
UF *mesopause / mesosphere + thermosphere*
PT upper atmosphere
RT exosphere
mesosphere
DEU Thermosphäre

thermostats
BT control equipment
switches
RT bimetals
controllers
cryostats
temperature control
thermistors
DEU Temperaturregler

thesauri
BT vocabulary
PT vocabulary
RT dictionaries
encyclopaedias
indexing
ontologies (artificial intelligence)
DEU Thesaurus

Thesaurus
DEU for thesauri

theta pinch
USE pinch effect

theta Vir stars
USE variable stars

THG
USE harmonic generation

THG, optical
USE optical harmonic generation

thick film capacitors
BT capacitors
thick film devices
PT capacitors
thick film devices
RT thick film circuits
thick films
DEU Dickschichtkondensator

thick film circuits
BT integrated circuits
thick film devices
RT thick film capacitors
thick film inductors
thick film resistors
thick films
DEU Dickschichtschaltung

thick film devices
NT thick film capacitors
thick film circuits
thick film inductors
thick film resistors
thick film sensors
RT thick films
DEU Dickfilmeinrichtung
DSY Dickfilmgerät

thick film inductors
BT inductors
thick film devices
PT inductors
thick film devices
RT microstrip components
thick film circuits
thick films
DEU Dickschichtinduktor

thick film resistors
BT resistors
thick film devices
PT resistors
thick film devices
RT thick film circuits
thick films
DEU Dickschichtwiderstand

thick film sensors
BT sensors
thick film devices
PT thick film devices
RT electric sensing devices
gas sensors
microsensors
semiconductor materials
sensor arrays
thick films
DEU Dickschichtsensor

thick films
BT films
SY *screen-printed films*
RT integrated circuits
thick film capacitors
thick film circuits
thick film devices
thick film inductors
thick film resistors
thick film sensors
DEU Dickschicht

thickness control
BT spatial variables control
RT thickness measurement
DEU Dickenregelung

thickness measurement
BT spatial variables measurement
RT micrometry
particle size
thickness control
DEU Dickenmessung

thin clients
USE network computers

thin computers
USE network computers

thin film capacitors
BT capacitors
thin film devices
PT capacitors
thin film devices
RT ferroelectric capacitors
MIM devices
thin film circuits
thin films
DEU Dünnschichtkondensator

thin film circuits
BT integrated circuits
thin film devices
RT flip-chip devices
thin film capacitors
thin film inductors
thin film resistors
thin films
DEU Dünnschichtschaltung

thin film devices
NT magnetic thin film devices
thin film capacitors
thin film circuits
thin film inductors
thin film resistors
thin film sensors
thin film transistors
UF *TFEL devices / electroluminescent devices + thin film devices*
UF *thin film electroluminescent devices / electroluminescent devices + thin film devices*
RT electroluminescent displays
thin films
DEU Dünnfilmeinrichtung
DSY Dünnfilmgerät

thin film electroluminescent devices
USE electroluminescent devices
\+ thin film devices

thin film inductors
BT inductors
thin film devices
PT inductors
thin film devices
RT microstrip components
thin film circuits
thin films
DEU Dünnschichtinduktivität

thin film resistors
BT resistors
thin film devices
PT resistors
thin film devices
RT thin film circuits
thin films
DEU Dünnschichtwiderstand

thin film sensors
BT sensors
thin film devices
PT thin film devices
RT electric sensing devices
gas sensors
magnetic sensors
microsensors
semiconductor thin films
sensor arrays
DEU Dünnschichtsensor

thin film transistors
BT thin film devices
transistors
PT thin film devices
transistors
RT flexible displays
flexible electronics
insulated gate field effect transistors
organic field effect transistors
DEU Dünnschicht-FET
DSY Dünnschichttransistor

thin films
BT films
NT buffer layers
dielectric thin films
epitaxial layers
insulating thin films
magnetic thin films
metallic thin films
semiconductor thin films
semimetallic thin films

superconducting thin films
RT coatings
liquid phase deposited coatings
liquid phase deposition
metal clusters
multilayers
sputtered coatings
substrates
thin film capacitors
thin film circuits
thin film devices
thin film inductors
thin film resistors
vapour deposited coatings
vapour deposition
DEU dünne Schicht
DSY dünner Film
Dünnschicht

thin wall structures
BT shapes (structures)
PT shapes (structures)
RT construction components
honeycomb structures
inflatable structures
laminates
lightweight structures
sandwich structures
sheet materials
shells (structures)
structural panels
DEU Dünnwandform
DSY Dünnwandstruktur

third generation mobile communication
USE 3G mobile communication

third harmonic generation
USE harmonic generation

third harmonic generation, optical
USE optical harmonic generation

third-order optical susceptibility
USE nonlinear optical susceptibility

Thirring model
BT axiomatic field theory
nonlinear field theory
PT axiomatic field theory
nonlinear field theory
RT relativistic quantum field theory
DEU Thirring-Modell

Thirring-Modell
DEU for Thirring model

Thixoformen
DEU for thixoforming

thixoforming
BT forming processes
SY *semi-solid forming processes*
PT forming processes
thixotropy
RT casting
thixotropy
DEU Thixoformen

Thixotropie
DEU for thixotropy

thixotropy
BT viscosity
RT colloids
gels
rheology
solubility
thixoforming
ultrasonic effects
DEU Thixotropie

Thomas-Fermi model
SY *Fermi-Thomas model*
UF *Thomas-Fermi-Dirac model / relativistic corrections* + *Thomas-Fermi model*
PT atomic structure
RT atomic structure
electron gas
many-body problems
nuclear models
nuclear structure theory
DEU Thomas-Fermi-Modell

Thomas-Fermi-Dirac model
USE relativistic corrections
\+ Thomas-Fermi model

Thomas-Fermi-Modell
DEU for Thomas-Fermi model

Thomson effect
BT thermoelectricity
PT thermoelectricity
DEU Thomson-Effekt

Thomson-Effekt
DEU for Thomson effect

thorium
BT actinides
SY *Th (chemical element)*
RT thorium alloys
thorium compounds

DEU Thorium

thorium alloys
BT actinide alloys
PT actinide alloys
RT thorium
thorium compounds
DEU Thoriumlegierung

thorium compounds
BT actinide compounds
RT thorium
thorium alloys
DEU Thoriumverbindung

Thoriumlegierung
DEU for thorium alloys

Thoriumverbindung
DEU for thorium compounds

Thorium
DEU for thorium

thoron
USE radon

thread forming
USE forming processes
\+ threading (machining)

thread rolling
USE rolling
\+ threading (machining)

threading (machining)
BT machining
SY *external threading*
UF *thread forming / forming processes + threading (machining)*
UF *thread rolling / rolling + threading (machining)*
PT machining
RT pipes
tapping (machining)
threading machines
DEU Gewindeschneiden

threading machines
BT machine tools
PT machine tools
RT tapping (machining)
threading (machining)
DEU Gewindeschneidmaschine

three phase rectifiers
USE rectifying circuits

three wave mixing (optical)
USE multiwave mixing

three-body problem
USE celestial mechanics
\+ N-body problems

three-dimensional displays
BT display instrumentation
SY *3D displays*
stereo displays
PT display devices
display instrumentation
RT computer graphic equipment
holographic displays
stereo image processing
three-dimensional television
DEU dreidimensionales Display

three-dimensional integrated circuits
BT monolithic integrated circuits
SY *3D integrated circuits*
chip stacking
through-silicon-via technology
TSV technology
PT integrated circuit interconnections
integrated circuit packaging
integrated circuit technology
RT integrated circuit interconnections
integrated circuit packaging
integrated circuit technology
DEU dreidimensionale integrierte Schaltung
DSY dreidimensionaler integrierter Schaltkreis

three-dimensional printing
BT printing
SY *3-dimensional printing*
3D printing
3D-printing
UF *additive manufacturing / rapid prototyping (industrial) + three-dimensional printing*
RT ink jet printing
rapid prototyping (industrial)
DEU 3-dimensionales Drucken
DSY 3D-Drucken
dreidimensionales Drucken

three-dimensional television
BT television
SY *3D TV*
PT television
RT television displays
three-dimensional displays
DEU dreidimensionales Fernsehen

three-phase flow
USE multiphase flow

three-photon processes
USE multiphoton processes

three-photon spectra
USE multiphoton spectra

three-photon spectroscopy
USE multiphoton spectroscopy

three-term control
BT control theory
SY *PID control*
proportional + integral + differential control
RT proportional control
two-term control
DEU Dreiwertregelung
DSY Dreiwertsteuerung
PID-Regelung

three-valued logic
USE ternary logic

threshold elements
BT logic devices
RT neural chips
threshold logic
DEU Schwellenelement

threshold logic
BT formal logic
RT logic circuits
threshold elements
DEU Schwellwertlogik

through-silicon-via technology
USE three-dimensional integrated circuits

throughput costing
BT costing
PT costing
RT cost accounting
DEU Durchlaufkosten

thulium
BT rare earth metals
SY *Tm (chemical element)*
RT thulium alloys
thulium compounds
DEU Thulium

thulium alloys
BT rare earth alloys
PT rare earth alloys
RT thulium
thulium compounds
DEU Thuliumlegierung

thulium compounds
BT rare earth compounds
RT thulium
thulium alloys
DEU Thuliumverbindung

Thuliumlegierung
DEU for thulium alloys

Thuliumverbindung
DEU for thulium compounds

Thulium
DEU for thulium

thunderstorms
BT storms
RT atmospheric electricity
clouds
lightning
rain
sprites
DEU Gewitter

Thyratron
DUS für thyratrons

Thyratronröhre
DUS für thyratrons

thyratrons
BT gas-discharge tubes
thermionic tubes
RT rectifiers
DEU Halbleiterthyratron
DSY Stromrichterthyratron
Thyratron
Thyratronröhre

Thyristor
DEU for thyristors

thyristor applications
NT thyristor circuits
thyristor motor drives
SY *thyristor valves*
RT choppers (circuits)
static VAr compensators
thyristors
DEU Tyristoranwendung

thyristor circuits
BT networks (circuits)
thyristor applications
NT thyristor convertors
PT thyristor applications
DEU Tyristorschaltkreis
DSY Tyristorschaltung

thyristor convertors
BT power convertors
thyristor circuits
PT power convertors
thyristor applications
RT thyristors
DEU Thyristorkonverter

thyristor motor drives
BT electric drives
thyristor applications
PT electric drives
thyristor applications
RT thyristors
DEU Thyristormotorantrieb

thyristor valves
USE thyristor applications

Thyristorkonverter
DEU for thyristor convertors

Thyristormotorantrieb
DEU for thyristor motor drives

thyristors
BT power semiconductor devices
NT MOS-controlled thyristors
photothyristors
SY *gate turn-off devices*
GTO devices
SCR
silicon controlled rectifiers
UF *triacs / semiconductor switches + thyristors*
RT power semiconductor switches
semiconductor switches
thyristor applications
thyristor convertors
thyristor motor drives
DEU Thyristor

THz imaging
USE terahertz wave imaging

THz radiation
USE terahertz waves

Ti (chemical element)
USE titanium
DEU Ti (chemisches Element)

Ti (chemisches Element)
DEU for Ti (chemical element)

TI computers
USE Texas Instruments computers

tidal power stations
BT hydroelectric power stations
RT hydroelectric power
tides
DEU Gezeitenkraftwerk

tides
PT atmospheric movements
oceanography
RT atmospheric movements
oceanography
sea level
tidal power stations
DEU Ebbe und Flut
DSY Gezeiten
Gezeitenhub

Tiefenmesser
DUS für bathymetry

Tiefenmessung
DUS für bathymetry

tiefere virtuelle Compton-Streuung
DEU for deeply virtual Compton scattering

Tiefniveau
DEU for deep levels

Tiefpass
DEU for low-pass filters

Tiefseelotung
DUS für bathymetry

Tieftemperaturelektronik
DUS für cryogenic electronics

tieftemperaturgekühlte Elektronik
DUS für cryogenic electronics

Tieftemperaturphysik
DEU for low-temperature physics

tiefunelastische Schwerionenreaktion
DEU for deep inelastic heavy ion reactions

tiefunelastische Streuung
DEU for deep inelastic scattering

Tiefzeihen
DEU for deep drawing

Tiefziehen
DUS für pressure

Tiefziehpresse
DUS für presses

TIG welding
USE arc welding

tight-binding calculations
BT band theory
PT band theory models
RT recursion method
Wannier functions
DEU Berechnung starker Bindung
DSY Festbindungs-Berechnung
Festbindungs-Kalkulation
Kalkulation starker Bindung
Starkbindungsberechnung
Starkbindungskalkulation

tiles
BT building materials
RT ceilings
ceramic products
floors
roofs
walls
DEU Keramikfliese

tilt (Earth)
USE geodesy

tilt boundaries
BT grain boundaries
PT grain boundaries
RT edge dislocations
DEU Kippgrenze

tilting control
USE attitude control

timber
BT wood
PT wood
RT forestry
wood processing
wood products
DEU Edelholz

time and latitude
USE Earth rotation

time bases
BT waveform generators
RT cathode-ray oscilloscopes
pulse generators
relaxation oscillators
signal generators
synchronisation
DEU Zeitbasis

time complexity
USE computational complexity

time delay circuits
USE delay circuits

time delays
USE delays

time differential perturbed angular correlation
USE perturbed angular correlation

time division multiple access
BT access protocols
multi-access systems
SY *satellite switched time division multiple access*
SS-TDMA
TDMA
PT multi-access systems
time division multiplexing
RT mobile radio
time division multiplexing
DEU TDMA (Time Division Multiple Access)
DSY Zeitmultiplexzugriff

time division multiplexing
BT multiplexing
NT asynchronous transfer mode
circuit switching
message switching
packet switching
synchronous digital hierarchy
SY *TDM*
RT pulse modulation
telemetry
time division multiple access
DEU Zeitmultiplex

time domain networks
USE time-varying networks

time invariance
USE T invariance

time lag
USE delays

time management
BT management
SY *personal organisers*
PT management
DEU Zeitmanagement

time measurement
BT measurement
SY *chronology*
horology
UF *sundials / astronomical instruments + time measurement*
RT atomic clocks
chronometers
clocks
frequency measurement
frequency meters
frequency standards
masers
oscillographs
pendulums
streak photography
synchronisation
time resolved spectroscopy
timing
watches
DEU Zeitmessung

time of flight mass spectra
BT mass spectra
time of flight spectra
PT mass spectra
RT MALDI mass spectra
DEU Flugzeitmassenspektrum

time of flight mass spectrometers
BT mass spectrometers
time of flight spectrometers
PT mass spectrometers
time of flight spectrometers
RT time of flight mass spectroscopy
DEU Flugzeit-Massenspektrometer
DSY Flugzeitmassenspektrometer

time of flight mass spectroscopy
BT mass spectroscopy
time of flight spectroscopy
PT mass spectroscopy
RT MALDI mass spectroscopy
mass spectrometers
mass spectroscopic chemical analysis
time of flight mass spectrometers
DEU Flugzeitmassen-Spektrometrie
DSY Flugzeitmassen-Spektroskopie
Flugzeitmassenspektrometrie
Flugzeitmassenspektroskopie

time of flight spectra
BT spectra (general)
NT time of flight mass spectra
PT spectra
RT time of flight spectrometers
DEU Flugzeitspektrum

time of flight spectrometers
BT particle spectrometers
NT time of flight mass spectrometers
PT spectrometers
RT time of flight spectra
time of flight spectroscopy
DEU Flugzeit-Spektrometer
DSY Flugzeitspektrometer

time of flight spectroscopy
BT spectroscopy
NT time of flight mass spectroscopy
PT spectroscopy
RT time of flight spectrometers
DEU Flugzeit-Spektrometrie
DSY Flugzeit-Spektroskopie
Flugzeitspektrometrie
Flugzeitspektroskopie

time optimal control
BT optimal control
PT optimal control
DEU zeitoptimale Steuerung

time projection chambers
BT position sensitive particle detectors
proportional counters
PT position sensitive particle detectors
proportional counters
RT ionisation chambers
DEU Zeitprojektionskammer

time resolved spectra
BT spectra (general)
PT spectra
RT time resolved spectroscopy
DEU zeitlich aufgelöstes Spektrum

time resolved spectroscopy
BT spectroscopy
UF *TR3 spectroscopy / Raman spectroscopy + time resolved spectroscopy*

UF *TRRR spectroscopy / Raman spectroscopy + time resolved spectroscopy*
PT spectroscopy
RT high-speed optical techniques
high-speed techniques
laser beam applications
measurement by laser beam
streak photography
time measurement
time resolved spectra
DEU zeitaufgelöste Spektrometrie
DSY zeitaufgelöste Spektroskopie

time series
BT series (mathematics)
statistics
PT statistics
RT autoregressive moving average processes
autoregressive processes
chaotic communication
statistical testing
DEU Zeitreihe

time switches
BT switches
DEU Zeitschalter

time to market
BT product development
RT concurrent engineering
lead time reduction
marketing
DEU Produkteinführungszeit

time varying parameters
USE time-varying systems

time warp simulation
BT discrete event simulation
PT discrete event simulation
RT performance evaluation
virtual machines
DEU Zeit-Abstands-Simulation
DSY Zeitbeinflussungs-Simulation
Zeitdehnungs-Simulation
Zeitverzerrungs-Simulation

time-digital conversion
BT analogue-digital conversion
SY *time-digital converters*
time-digital convertors
PT analogue-digital conversion
RT counting circuits
delay circuits
DEU Zeitdigitalisierer
DSY Zeitdigitalkonverter

time-digital converters
USE time-digital conversion

time-digital convertors
USE time-digital conversion

time-domain analysis
BT mathematical analysis
NT finite difference time-domain analysis
time-frequency analysis
RT control system analysis
network analysis
transient analysis
DEU Zeitbereichsanalyse

time-domain reflectometers
USE reflectometers
\+ time-domain reflectometry

time-domain reflectometry
BT reflectometry
NT optical time-domain reflectometry
UF *time-domain reflectometers / reflectometers + time-domain reflectometry*
PT microwave measurement
optical variables measurement
RT high-frequency transmission line measurement
reflectometers
DEU Zeitbereichsreflektometrie

time-domain synthesis
BT control system synthesis
network synthesis
PT control system synthesis
network synthesis
DEU Zeitbereichssynthese

time-frequency analysis
BT frequency-domain analysis
time-domain analysis
UF *matching pursuits / iterative methods + time-frequency analysis*
PT frequency-domain analysis
time-domain analysis
RT encoding (general)
filtering theory
prediction theory
signal processing
signal synthesis
spectral analysis
wavelet transforms
DEU Zeit-Frequenz-Analyse

time-of-arrival estimation
BT parameter estimation
SY *TOA estimation*
PT array signal processing
parameter estimation
RT array signal processing
delay estimation
direction-of-arrival estimation
maximum likelihood estimation
radio direction-finding
signal detection
DEU Ankunftszeitbestimmung

time-oriented databases
USE temporal databases

time-sharing programs
BT supervisory programs
UF *multi-user systems / groupware + multi-access systems + multiprogramming + time-sharing programs + time-sharing systems*
RT multiprogramming
time-sharing systems
DEU Zeitteilungsprogramm

time-sharing systems
BT digital systems
SY *multi-user processing*
UF *multi-user systems / groupware + multi-access systems + multiprogramming + time-sharing programs + time-sharing systems*
RT mainframes
multiprogramming
time-sharing programs
DEU Multiprocessing mit Zeitscheibenteilung
DSY Time-Sharing-System
Zeitscheibenteilung
Zeitteilungssystem

Time-Sharing-System
DUS für time-sharing systems

time-varying channels
BT telecommunication channels
PT telecommunication channels
RT dispersive channels
fading
fading channels
radiowave propagation
time-varying systems
DEU zeitveränderlicher Kanal

time-varying circuits
USE time-varying networks

time-varying filters
BT filters
time-varying networks
PT time-varying networks
RT adaptive filters
digital filters
filtering theory
Kalman filters
signal processing
DEU zeitveränderliches Filter

time-varying networks
BT networks (circuits)
time-varying systems
NT time-varying filters
SY *time domain networks*
time-varying circuits
RT circuit theory
parametric amplifiers
varactors
DEU zeitveränderliches Netz

time-varying systems
NT stochastic systems
time-varying networks
UF *periodic systems / periodic control + time-varying systems*
SY *time varying parameters*
RT control systems
periodic control
time-varying channels
DEU zeitvariantes System

Timex computers
USE Sinclair computers

timing
NT timing circuits
PT clocks
time measurement
timing circuits
RT clocks
logic design
synchronisation
time measurement
timing jitter
DEU zeitliche Abstimmung
DSY zeitliche Festlegung

timing circuits
BT networks (circuits)
timing
DEU Taktschaltkreis
DSY Taktschaltung
Zeitgeberschaltkreis

Zeitgeberschaltung

timing jitter
BT jitter
PT jitter
RT high-speed optical techniques
laser mode locking
optical fibre communication
optical solitons
synchronisation
timing
DEU Taktfluktuation
DSY Taktgeber-Jitter
Taktjitter
Timing-Jitter
Zeitgeber-Jitter
Zeitgebungsjitter
Zeitjitter
Zeitsteuerungs-Jitterfrequenz

timing recovery
USE synchronisation

Timing-Jitter
DUS für timing jitter

tin
BT metals
SY *Sn (chemical element)*
RT tin alloys
tin compounds
DEU Zinn

tin alloys
BT alloys
NT bronze
PT tin compounds
RT tin
tin compounds
DEU Zinnlegierung

tin compounds
BT inorganic compounds
RT tin
tin alloys
DEU Zinnverbindung

Tinte
DEU for ink

Tintendrucker
DEU for ink jet printers

Tintenstrahldruck
DEU for ink jet printing

Tintenstrahldrucker
DUS für ink jet printers

tires
USE tyres

Tischpresse
DUS für presses

Tischrechner
DEU for desk calculators

tissue engineering
BT engineering
SY *tissue scaffolds*
RT biological specimen preparation
biological tissues
biomedical engineering
biomedical materials
biomimetics
biomineralisation
cellular biophysics
genetic engineering
patient treatment
DEU Tissue-Engineering

tissue scaffolds
USE tissue engineering

Tissue-Engineering
DEU for tissue engineering

tissues, biological
USE biological tissues

Titan (Element)
DEU for titanium

titanium
BT transition metals
SY *Ti (chemical element)*
RT titanium alloys
titanium compounds
DEU Titan (Element)

titanium alloys
BT transition metal alloys
UF *nitinol / nickel alloys + titanium alloys*
PT titanium compounds
RT titanium
titanium compounds
DEU Titanlegierung

titanium compounds
BT transition metal compounds
SY *rutile*
RT titanium

titanium alloys
DEU Titanverbindung

Titanlegierung
DEU for titanium alloys

Titanverbindung
DEU for titanium compounds

TJS lasers
USE semiconductor lasers

Tl (chemical element)
USE thallium
DEU Tl (chemisches Element)

Tl (chemisches Element)
DEU for Tl (chemical element)

TLD
USE thermoluminescent dosimeters

TLM methods
USE transmission line matrix methods

Tm (chemical element)
USE thulium
DEU Tm (chemisches Element)

Tm (chemisches Element)
DEU for Tm (chemical element)

TMR
USE tunnelling magnetoresistance

TMS (transkranielle Magnetstimulation)
DEU for transcranial magnetic stimulation

TNOs
USE trans-Neptunian objects

TOA estimation
USE time-of-arrival estimation

tobacco industry
BT manufacturing industries
SY *cigarette manufacture*
RT tobacco products
DEU Tabakindustrie

tobacco products
BT manufactured products
SY *cigarettes*
cigars
RT tobacco industry
vending machines
DEU Tabak
DSY Tabakerzeugnis
Tabakprodukt
Tabakware
Zigarette
Zigarillos
Zigarre

Toda lattice
BT lattice theory
PT lattice theory and statistics
RT aggregation
percolation
statistical mechanics
DEU Toda-Gitter

Toda-Gitter
DEU for Toda lattice

Töpferei
DEU for pottery

Töpferware
DUS für pottery

Toeplitz matrices
BT matrix algebra
PT matrix algebra
DEU Toeplitz-Matrix

Toeplitz-Matrix
DEU for Toeplitz matrices

Tokamak devices
BT nuclear fusions reactors
plasma devices
PT plasma devices
RT plasma toroidal confinement
DEU Tokamakanlage
DSY Tokamakplasmareaktor

Tokamakanlage
DEU for Tokamak devices

Tokamakplasmareaktor
DUS für Tokamak devices

token networks
BT computer networks
PT local area networks
RT FDDI
local area networks
metropolitan area networks
protocols
wide area networks
DEU Token-Ring-Netzwerk

token passing
USE protocols

Token-Ring-Netzwerk
DEU for token networks

tolerance analysis
RT circuit optimisation
Monte Carlo methods
network analysis
sensitivity analysis
statistical analysis
DEU Toleranzanalyse

tolerante Fehlerkontrolle
DUS für fault tolerant control

Toleranzanalyse
DEU for tolerance analysis

tolls (road)
USE road pricing (tolls)

Tomografie
DEU for tomography

Tomographie
DUS für tomography

tomography
NT acoustic tomography
computerised tomography
optical tomography
RT biomedical imaging
electric impedance imaging
imaging
inverse problems
microwave imaging
signal processing
DEU Tomografie
DSY Tomographie

tomography, seismic
USE geophysical techniques
\+ seismology

Ton (Lehm)
DUS für clay

Tonabnehmer (Plattenspieler)
DUS für pick-ups

Tonakustik
DUS für audio acoustics

Tonanlage
DUS für audio equipment

Tonaufzeichnung
DEU for audio recording

Tonausrüstung
DUS für audio equipment

Tonbandgerät
DEU for audio tape recorders

Toncodierung
DUS für audio coding

Tondatenbank
DUS für audio databases

Tondatenträger
DUS für audio discs

Tonerde
DUS für clay

Tonfrequenzoszillator
DEU for audio-frequency oscillators

Tonfrequenzverstärker
DEU for audio-frequency amplifiers

Tonsignalverarbeitung
DUS für audio signal processing

Tonstudiogerät
DUS für audio equipment

Tonsystem
DUS für audio equipment

Tonwiedergabesystem
DUS für audio equipment

Tonwiedergabetechnik
DEU for sound reproduction

tool steel
BT steel
SY *die steel*
high speed steel
PT steel
RT alloy steel
DEU Werkzeugstahl

tools
BT manufactured products
NT garden tools
hand tools
machine tools

RT production equipment
DEU Werkzeug

TOP
USE local area networks
+ office automation
+ protocols

Topografie (Erde)
DEU for topography (Earth)

Topographie (Erde)
DUS für topography (Earth)

topography (Earth)
SY *relief*
surface topography (Earth)
PT geodesy
RT bathymetry
cartography
digital elevation models
geodesy
geomorphology
photogrammetry
terrain mapping
DEU Topografie (Erde)
DSY Topographie (Erde)

topography measurement (surface)
USE surface topography measurement

topography, surface
USE surface topography

topological insulators
RT quantum Hall effect
spin Hall effect
spin-orbit interactions
surface conductivity
surface states
DEU topologischer Isolator

Topologie
DEU for topology

topologischer Isolator
DEU for topological insulators

topology
BT mathematics
NT differential geometry
graph theory
network topology
RT Banach spaces
Berry phase
catastrophe theory
combinatorial mathematics
fractals
Hilbert spaces
mathematical morphology
network analysis
network synthesis
switching theory
vectors
DEU Topologie

TOPSIS
BT decision theory
SY *technique for order of preference by similarity to ideal solution*
RT decision making
fuzzy set theory
operations research
optimisation
DEU TOPSIS (Entscheidungsfindung)

TOPSIS (Entscheidungsfindung)
DEU for TOPSIS

tornadoes
USE storms

toroidal confinement (plasma)
USE plasma toroidal confinement

Torpedo
DEU for torpedoes

torpedoes
BT missiles
PT missiles
RT marine propulsion
military equipment
missile control
naval engineering
DEU Torpedo

torque
BT mechanical properties
RT Scott effect
torque control
torque convertors
torque measurement
torquemeters
torsion
DEU Drehmoment

torque control
BT mechanical variables control
RT sensorless machine control
torque
torque measurement
DEU Drehmomentregelung

torque convertors
BT power transmission (mechanical)
RT automotive components
clutches
drives
engines
gears
shafts
torque
DEU Drehmomentwandler

torque measurement
BT mechanical variables measurement
RT dynamometers
torque
torque control
torquemeters
DEU Drehmomentmessung

torque meters
USE torquemeters

torque motors
BT electric motors
PT electric motors
DEU Drehmomentmotor
DSY Torquemotor

torquemeters
BT meters
SY *torque meters*
PT torque measurement
RT power measurement
strain measurement
torque
torque measurement
DEU Drehmomentmesser

Torquemotor
DUS für torque motors

torsion
BT mechanical properties
RT bending
deformation
elastic deformation
stress analysis
torque
DEU Verdrehung
DSY Verwindung

torsion, molecular
USE librational states

torsional waves
USE elastic waves

Toshiba computers
BT digital computers
PT digital computers
RT microcomputers
portable computers
DEU Toshiba-Computer
DSY Toshiba-Rechner

Toshiba-Computer
DEU for Toshiba computers

Toshiba-Rechner
DUS für Toshiba computers

total current spectroscopy
USE electron spectroscopy

total electron content (atmosphere)
RT electron density
ionosphere
ionospheric electromagnetic wave propagation
magnetosphere
plasma density
radiowave propagation
DEU Gesamtelektronengehalt (Atmosphäre)

total energy
BT energy states
PT binding energy
RT band structure
binding energy
electronic density of states
lattice energy
DEU Gesamtenergie
DSY Totalenergie

total energy systems
BT power systems
PT power systems
RT air conditioning
building management systems
cooling
domestic appliances
environmental engineering
Fotovoltaikbuilding
lighting
refrigeration
space cooling
space heating
ventilation
DEU Gesamtenergiesystem

total quality management
BT quality management
SY *TQM*
PT quality management
RT business process re-engineering
strategic planning
DEU totales Qualitätsmanagement

Totalenergie
DUS für total energy

totales Qualitätsmanagement
DEU for total quality management

touch (physiological)
BT mechanoception
SY *tactile sense*
PT mechanoception
RT tactile sensors
touch sensitive screens
DEU Berührung (physiologisch)

touch sensitive screens
BT screens (display)
PT screens (display)
RT cathode-ray tube displays
computer displays
haptic interfaces
interactive devices
touch (physiological)
user interfaces
DEU Kontaktbildschirm

touch sensors
USE tactile sensors

tourism
USE travel industry

towers
USE poles and towers

town and country planning
BT planning
NT land use planning
SY *community planning*
country planning
county planning
urban planning
RT architecture
bridges (structures)
civil engineering computing
geographic information systems
government data processing
land use
public transport
regional planning
traffic engineering computing
DEU Stadt- und Umlandplanung

town gas
USE syngas

Townsend coefficient
USE Townsend discharge

Townsend discharge
BT discharges (electric)
ionisation
SY *Townsend coefficient*
PT discharges (electric)
RT electron avalanches
DEU Townsend-Entladung

Townsend-Entladung
DEU for Townsend discharge

toxicology
SY *poisons*
RT chemical hazards
contamination
hazardous materials
health hazards
pollution
DEU Toxikologie

Toxikologie
DEU for toxicology

toy manufacturing industry
BT manufacturing industries
PT manufacturing industries
RT computer games
electronics industry
entertainment
DEU Spielwarenindustrie

TPV cells
USE thermophotovoltaic cells

TQM
USE total quality management

TR3 spectroscopy
USE Raman spectroscopy
\+ time resolved spectroscopy

Tracer
DEU for tracers

tracers
NT radioactive tracers
DEU Tracer

track and hold circuits
USE sample and hold circuits

track visualisation, particle
USE particle track visualisation

trackballs
USE interactive devices

tracked vehicles
BT vehicles
UF *bulldozers / earthmoving equipment + tracked vehicles*
SY *snowmobiles*
UF *tanks (armoured vehicles) / military vehicles + tracked vehicles*
PT vehicles
RT agricultural machinery
construction equipment
excavators
military vehicles
off-road vehicles
DEU Kettenfahrzeug

tracking
NT distributed tracking
object tracking
optical tracking
pointing systems
radar tracking
radio tracking
satellite tracking
sonar tracking
target tracking
tracking filters
RT array signal processing
artificial satellites
image motion analysis
missile guidance
navigation
position control
radar
space vehicles
surveillance
DEU Spurverfolgung
DSY Verfolgung

tracking (insulation)
USE insulation testing
\+ surface discharges

Tracking and Data Relay Satellite System
USE satellite communication
\+ satellite tracking

tracking filters
BT filters
tracking
PT tracking systems
tracking
RT adaptive filters
Kalman filters
notch filters
particle filtering (numerical methods)
target tracking
DEU Tracking-Filter

Tracking-Filter
DEU for tracking filters

tracks, particle
USE particle tracks

traction
NT traction motors
traction power supplies
SY *tractive effort*
RT electric propulsion
locomotives
power utilisation
railway electrification
traction current collection
transportation
trolleys
DEU Traktion

traction current collection
NT pantographs
SY *current collection, traction*
PT traction
RT traction
traction power supplies
DEU Bahnstromabnehmer
DSY Stromabnehmer (Eisenbahn)

traction motor drives
BT motor drives
traction motors
PT electric drives
traction
RT battery powered vehicles
electric locomotives
electric propulsion
electric vehicles
fuel cell vehicles
hybrid electric vehicles
solar powered vehicles
DEU Fahrantriebsmotor
DSY Traktionsantriebsmotor
Traktionsmotor

traction motor protection
BT motor protection
traction motors
PT machine protection
traction
RT electric locomotives
electric propulsion
electric vehicles
DEU Fahrmotorschutz
DSY Traktionsmotorschutz

traction motors
BT electric motors
traction
NT traction motor drives
traction motor protection
PT electric motors
traction
RT automotive electrics
battery powered vehicles
electric locomotives
electric propulsion
electric vehicles
fuel cell vehicles
hybrid electric vehicles
solar powered vehicles
DEU Fahrmotor

traction power supplies
BT power supplies to apparatus
traction
PT power supplies to apparatus
traction
RT distribution networks
electric locomotives
railways
rapid transit systems
traction current collection
DEU Traktionstromversorgung

tractive effort
USE traction

tractors
USE agricultural machinery

trade
USE commerce

trade agreements
BT commerce
UF *free trade / international trade + trade agreements*
SY *GATT*
General Agreement on Tariffs and Trade
RT international collaboration
international trade
DEU Handelsabkommen
DSY Handelsvertrag

trade barriers
BT international trade
PT international trade
RT tariffs
DEU Handelsbarriere
DSY Handelshindernis
Handelsschranke

trade shows
USE exhibitions

trade unions
USE industrial relations

trademarks
BT industrial property
PT industrial property
RT copyright
DEU Handelsmarke

Träger (Kabel)
DUS für supports

Trägerentspannungszeit
DEU for carrier relaxation time

trägerfreier Pfad
DEU for carrier mean free path

Trägerfrequenztechnik
DEU for carrier communication

Trägerfrequenzübertragung im Stromnetz
DEU for carrier transmission on power lines

Trägerlebensdauer
DEU for carrier lifetime

Trägheitsnavigation
DUS für inertial navigation

Trägheitssystem
DUS für inertial systems

traffic
NT air traffic
pedestrians
rail traffic
road traffic
telecommunication traffic
RT traffic control
traffic recording
transportation

DEU Verkehr

traffic computer control
USE traffic control

traffic control
BT transport control
NT air traffic control
intelligent transportation systems
rail traffic control
road traffic control
SY *parking control*
traffic computer control
traffic control systems
RT pedestrians
traffic
traffic engineering computing
vehicle routing
DEU Verkehrslenkung

traffic control (telecommunication)
USE telecommunication congestion control

traffic control systems
USE traffic control

traffic engineering computing
BT engineering computing
NT traffic information systems
RT civil engineering computing
gaze tracking
intelligent transportation systems
pedestrians
town and country planning
traffic control
vehicle routing
DEU Computeranwendung in der Verkehrstechnik
DSY Rechneranwendung in der Verkehrstechnik
verkehrstechnische Computeranwendung
verkehrstechnische Rechneranwendung

traffic information systems
BT information systems
traffic engineering computing
NT driver information systems
PT information systems
RT public information systems
DEU Verkehrsinformationssystem

traffic recording
BT recording
NT telecommunication traffic recording
RT air traffic
air traffic control
traffic
DEU Verkehrsaufzeichnung

Trafo
DEU for transformers

tragbarer Computer
DEU for portable computers

tragbarer Rechner
DUS für portable computers

Tragfläche (Aerodynamik)
DEU for airfoils

Tragvermögen
DUS für buoyancy

Trainieren
DEU for training

training
NT computer based training
industrial training
management training
on-the-job training
teacher training
vocational training
SY *computer operator training*
operator training
programmer training
RT biomedical education
continuing education
control engineering education
education
electrical engineering education
electronic engineering education
engineering education
management education
personnel
physics education
power engineering education
professional aspects
qualifications
teaching
telecommunication engineering education
DEU Trainieren
DSY Training (Üben)

training (neural nets)
USE learning (artificial intelligence)

Training (Üben)
DUS für training

trajectory control
BT position control
NT trajectory optimisation (aerospace)
PT position control
RT aerospace control
attitude control
attitude measurement
position measurement
DEU Bahnsteuerung (Raumfahrt)

trajectory optimisation (aerospace)
BT aerospace control
trajectory control
SY *trajectory optimization (aerospace)*
PT aerospace control
aircraft control
attitude control
optimal control
optimisation
space vehicles
trajectory control
RT aircraft control
attitude control
missile control
optimal control
optimisation
space vehicles
DEU Bahnoptimierung (Luftfahrt)
DSY Bahnoptimierung (Raumfahrt)

trajectory optimization (aerospace)
USE trajectory optimisation (aerospace)

Traktion
DEU for traction

Traktionsantriebsmotor
DUS für traction motor drives

Traktionsmotor
DUS für traction motor drives

Traktionsmotorschutz
DUS für traction motor protection

Traktionstromversorgung
DEU for traction power supplies

tramcars
USE railway rolling stock
+ road vehicles

Trans-Neptun-Objekt
DEU for trans-Neptunian objects

trans-Neptunian objects
BT planets
SY *Plutinos*
TNOs
PT planets
RT asteroids
Kuiper belt objects
DEU Trans-Neptun-Objekt

transactinide compounds
BT inorganic compounds
NT dubnium compounds
rutherfordium compounds
RT transactinides
DEU Transaktinideverbindung

transactinides
BT metals
NT bohrium
copernicium
darmstadtium
dubnium
flerovium
hassium
livermorium
meitnerium
roentgenium
rutherfordium
seaborgium
ununoctium
ununpentium
ununseptium
ununtrium
PT elements (chemical)
RT transactinide compounds
DEU Transaktinide

transaction processing
BT data handling
UF *OLTP / data mining + transaction processing*
UF *online transaction processing / data mining + transaction processing*
PT database management systems
RT concurrency control
database management systems
error handling
exception handling
DEU Transaktionsverarbeitung

Transaktinide
DEU for transactinides

Transaktinideverbindung
DEU for transactinide compounds

Transaktionsverarbeitung
DEU for transaction processing

transborder data flow
USE data privacy
\+ EFTS
\+ government policies

transceivers
BT receivers
telecommunication equipment
transmitters
NT optical transceivers
radio transceivers
PT radio equipment
radio receivers
radio transmitters
RT amplifiers
antennas
automatic frequency control
automatic gain control
demodulation
demodulators
gain control
limiters
modulation
modulators
oscillators
reception
Zigbee
DEU Sende-Empfangs-Gerät

transcoding
BT encoding (general)
PT encoding (general)
RT data compression
image coding
multimedia communication
video coding
visual communication
DEU Übercodieren
DSY Übercodierung

transcranial magnetic stimulation
BT biomagnetism
PT biomagnetism
RT patient diagnosis
patient treatment
DEU TMS (transkranielle Magnetstimulation)
DSY transkraniale magnetische Stimulation
transkranielle Magnetstimulation
transkranielle Magnetstimulation (TMS)

transducers
NT accelerometers
acoustic transducers
biomedical transducers
extensometers
Hall effect transducers
pick-ups
piezoelectric transducers
pressure transducers
UF *magnetostrictive transducers / magnetostrictive devices + transducers*
RT acceleration measurement
actuators
capacitive sensors
control equipment
direct energy conversion
force measurement
gauges
magnetostrictive devices
mechanical testing
micromechanical devices
photoelectric devices
pressure measurement
recorders
sensors
sound reproduction
strain measurement
telemetry
vibration measurement
DEU Energiewandler

transductors
USE saturable core reactors

Transduktorverstärker
DUS für magnetic amplifiers

transfer formats for data
USE electronic data interchange

transfer function matrices
BT matrix algebra
transfer functions
PT matrix algebra
transfer functions
DEU Übertragungsfunktionsmatrix

transfer functions
BT functions
NT optical transfer function
transfer function matrices
SY *activation functions*
RT amplification
control system analysis
control system synthesis
damping
frequency response

network analysis
poles and zeros
rational functions
sensitivity
sensitivity analysis
transient response
DEU Transfer-Funktion
DSY Übertragungsfunktion

transfer moulding
BT moulding
SY *resin transfer moulding*
PT moulding
DEU Spritzpressen

transfer standards
BT measurement standards
PT measurement standards
RT calibration
voltage measurement
DEU Austauschnorm
DSY Übertragungsnorm
Übertragungsstandard

Transfer-Funktion
DEU for transfer functions

transferred electron devices
USE Gunn devices

transferred electron effects
USE Gunn effect

transferred electron oscillators
USE Gunn oscillators

transfluxors
USE magnetic cores

transform coding
BT encoding (general)
UF *adaptive transform coding /*
adaptive codes + transform coding
PT encoding (general)
RT combined source-channel coding
data compression
discrete cosine transforms
image coding
speech coding
transforms
vector quantisation
video signals
DEU Transformationscodierung

Transformation
DEU for transforms

transformation hardening
USE transformation toughening

transformation toughening
BT hardening
SY *transformation hardening*
RT dispersion hardening
martensitic transformations
precipitation hardening
DEU Transformationshärten
DSY Umwandlungshärten

transformations, phase
USE phase transformations

Transformationscodierung
DEU for transform coding

Transformationshärten
DEU for transformation toughening

Transformator
DUS für transformers

Transformatorenöl
DEU for transformer oil

Transformatorenprüfung
DUS für transformer testing

Transformatorenröl
DUS für transformer oil

Transformatorenstation
DEU for transformer substations

Transformatorentest
DUS für transformer testing

Transformatorisolation
DEU for transformer insulation

Transformatorisolierung
DUS für transformer insulation

Transformatorkern
DEU for transformer cores

Transformatorprüfung
DUS für transformer testing

Transformatorschutz
DEU for transformer protection

Transformatorstation
DUS für transformer substations

Transformatortest
DUS für transformer testing

Transformatorumspannstation
DUS für transformer substations

Transformatorwicklung
DEU for transformer windings

transformer cores
BT magnetic cores
PT magnetic cores
transformers
RT transformers
DEU Transformatorkern

transformer insulation
BT insulation
NT gas insulated transformers
power transformer insulation
transformer oil
RT insulation testing
partial discharge measurement
transformer testing
transformers
DEU Transformatorisolation
DSY Transformatorisolierung
Umformisolation

transformer iron
USE iron alloys
\+ silicon alloys

transformer magnetic circuits
BT magnetic circuits
RT transformers
DEU magnetische Transformatorenschaltung
DSY magnetischer Transformatorenschaltkreis

transformer oil
BT insulating oils
transformer insulation
PT insulating oils
transformer insulation
RT power transformer insulation
DEU Transformatorenöl
DSY Transformatorenröl

transformer protection
BT protection
NT power transformer protection
RT power system protection
transformers
DEU Transformatorschutz

transformer steel
USE iron alloys
\+ silicon alloys

transformer substations
BT substations
RT transformers
voltage control
DEU Transformatorenstation
DSY Transformatorstation
Transformatorumspannstation
Umspannwerk

transformer testing
BT testing
NT power transformer testing
RT transformer insulation
transformers
DEU magnetische Transformatorschaltung
DSY magnetischer Transformatorenschaltkreis
magnetischer Transformatorschaltkreis
Transformatorenprüfung
Transformatorentest
Transformatorprüfung
Transformatortest

transformer windings
BT windings
RT cores
transformers
DEU Transformatorwicklung

transformers
NT current transformers
DC transformers
differential transformers
high-frequency transformers
instrument transformers
potential transformers
power transformers
pulse transformers
superconducting transformers
RT amplifiers
baluns
coils
cores
inductive power transmission
magnetic circuits
magnetic cores
phase convertors
power supply circuits
transformer cores
transformer insulation
transformer magnetic circuits
transformer protection

transformer substations
transformer testing
transformer windings
voltage control
voltage multipliers
DEU Trafo
DSY Transformator
Umformer
Umspanner

transforms
BT functions
mathematical analysis
NT affine transforms
curvelet transforms
discrete transforms
Fourier transforms
Haar transforms
Hadamard transforms
Hankel transforms
Hartley transforms
Hilbert transforms
Hough transforms
inverse transforms
Karhunen-Loeve transforms
Laplace transforms
Poincare mapping
Radon transforms
wavelet transforms
Z transforms
SY *integral transforms*
scale-invariant feature transforms
RT transform coding
DEU Transformation

transient analysers
SY *transient analyzers*
PT network analysers
RT spectral analysers
transient analysis
wave analysers
DEU Transientanalysator

transient analysis
PT transient response
transients
RT network analysis
time-domain analysis
transient analysers
transient response
transients
DEU Transientenanalyse

transient analyzers
USE transient analysers

transient capacitance spectroscopy
USE deep level transient spectroscopy

transient response
BT dynamic response
SY *impulse response*
PT transients
RT amplification
damping
root loci
sensitivity
sensitivity analysis
stability
step response
transfer functions
transient analysis
DEU vorübergehende Reaktion

transient stability
USE stability

transient voltages
USE transients

Transientanalysator
DEU for transient analysers

Transientenanalyse
DEU for transient analysis

transients
BT electrical faults
NT power system transients
restriking voltage
SY *current transients*
transient voltages
voltage transients
RT lightning
overvoltage
surge protection
surges
transient analysis
voltage distribution
DEU Flüchtigkeit

transimpedance amplifiers
USE operational amplifiers

Transistor
DEU for transistors

transistor circuits
BT networks (circuits)
NT bipolar transistor circuits
field effect transistor circuits
RT current mirrors
DEU Transistorschaltkreis
DSY Transistorschaltung

Transistor mit hoher Elektronenmobilität
DUS für HEMT circuits

Transistor mit permeabler Basis
DUS für permeable base transistors

transistor-transistor logic
BT logic
SY *TTL*
RT bipolar logic circuits
digital integrated circuits
logic circuits
switching circuits
DEU Transistor-Transistor-Logik

Transistor-Transistor-Logik
DEU for transistor-transistor logic

transistors
NT bipolar transistors
field effect transistors
hot electron transistors
insulated gate bipolar transistors
microwave transistors
millimetre wave transistors
phototransistors
power transistors
submillimetre wave transistors
superconducting transistors
thin film transistors
tunnel transistors
UHF transistors
unijunction transistors
RT semiconductor devices
DEU Transistor

Transistorschaltkreis
DEU for transistor circuits

Transistorschaltung
DUS für transistor circuits

transit time devices
BT semiconductor devices
NT BARITT diodes
IMPATT diodes
TRAPATT diodes
UF *QWITT diodes / microwave diodes + millimetre wave diodes + transit time devices + UHF diodes*
UF *TUNNETT diodes / transit time devices + tunnel diodes*
RT avalanche diodes
DEU Durchlaufzeitbauelement
DSY Durchlaufzeitgerät
Laufzeitbauelement
Laufzeitgerät

transition boiling
USE boiling

transition metal alloys
BT alloys
NT chromium alloys
cobalt alloys
copper alloys
gold alloys
hafnium alloys
iridium alloys
iron alloys
manganese alloys
molybdenum alloys
nickel alloys
niobium alloys
osmium alloys
palladium alloys
platinum alloys
rhenium alloys
rhodium alloys
ruthenium alloys
scandium alloys
silver alloys
tantalum alloys
technetium alloys
titanium alloys
tungsten alloys
vanadium alloys
yttrium alloys
zirconium alloys
PT transition metal compounds
RT transition metal compounds
transition metals
DEU Legierung mit Übergangsmetall
DSY Übergangsmetalllegierung

transition metal complexes
USE transition metal compounds

transition metal compounds
BT inorganic compounds
NT chromium compounds
cobalt compounds
copper compounds
gold compounds
hafnium compounds
iridium compounds
iron compounds
manganese compounds
molybdenum compounds
nickel compounds
niobium compounds
osmium compounds
palladium compounds
platinum compounds
rhenium compounds
rhodium compounds

ruthenium compounds
scandium compounds
silver compounds
tantalum compounds
technetium compounds
titanium compounds
tungsten compounds
vanadium compounds
yttrium compounds
zirconium compounds
SY *transition metal complexes*
RT skutterudites
transition metal alloys
transition metals
DEU Übergangsmetallverbindung
DSY Verbindung mit Übergangsmetall

transition metals
BT metals
NT chromium
cobalt
copper
gold
hafnium
iridium
iron
manganese
molybdenum
nickel
niobium
osmium
palladium
platinum
rhenium
rhodium
ruthenium
scandium
silver
tantalum
technetium
titanium
tungsten
vanadium
yttrium
zirconium
RT transition metal alloys
transition metal compounds
DEU Übergangsmetall

transition moments
BT spectra (general)
PT spectra
DEU Übergangsmoment

transition nets
USE Petri nets

transition probability (atoms and molecules)
USE radiative lifetimes

transition probability, nuclear
USE nuclear transition probabilities

transition radiation
BT electromagnetic waves
PT electromagnetic waves
RT X-ray spectra
DEU Übergangsstrahlung

transition radiation detectors
BT position sensitive particle detectors
proportional counters
PT position sensitive particle detectors
proportional counters
DEU Übergangsstrahlendetektor

transition region (solar atmosphere)
USE chromosphere
\+ solar corona

transits
RT astronomy
celestial mechanics
eclipses
Mercury (planet)
occultations
Venus
DEU Durchgang (planetarisch)

transkraniale magnetische Stimulation
DUS für transcranial magnetic stimulation

transkranielle Magnetstimulation
DUS für transcranial magnetic stimulation

transkranielle Magnetstimulation (TMS)
DUS für transcranial magnetic stimulation

translation (language)
USE language translation

translational states
BT energy states
RT molecular force constants
rotational states
vibrational states
DEU Translationszustand

Translationszustand
DEU for translational states

translators (program)
USE program interpreters

transmission
NT acoustic wave transmission
electromagnetic wave transmission
power transmission
UF *attenuation / absorption + dispersion (wave) + scattering + transmission*
RT absorption
electromagnetic wave propagation
facsimile
reflection
telecommunication
DEU Übermittlung
DSY Übertragung

transmission electron microscopes
BT electron microscopes
SY *TEMs*
PT electron microscopes
RT transmission electron microscopy
DEU Transmissionselektronenmikroskop

transmission electron microscopy
BT electron microscopy
SY *TEM*
PT electron microscopy
RT transmission electron microscopes
DEU Transmissionselektronenmikroskopie

transmission line matrix methods
BT matrix algebra
transmission line theory
SY *TLM methods*
PT transmission line theory
RT S-matrix theory
DEU Übertragungslinienmatrixmethode

transmission line theory
NT method of lines
transmission line matrix methods
RT coplanar transmission lines
distributed parameter networks
impedance matrix
multiconductor transmission lines
transmission lines
DEU Übertragungsleitungstheorie

transmission lines
NT coplanar transmission lines
coupled transmission lines
high-frequency transmission lines
multiconductor transmission lines
power transmission lines
superconducting transmission lines
telecommunication transmission lines
RT antenna feeds
baluns
cables (electric)
carrier transmission on power lines
impedance matching
transmission line theory
waveguides
DEU Übertragungsleitung

transmission network calculations
BT transmission networks
RT load flow
DEU Übertagungsnetzberechnung
DSY Übertragungsnetzkalkulation

transmission networks
BT networks (circuits)
power transmission
NT DC transmission networks
power transmission control
power transmission economics
power transmission faults
power transmission planning
power transmission protection
power transmission reliability
transmission network calculations
underground transmission systems
UF *power networks / distribution networks + transmission networks*
SY *power transmission networks*
RT distribution networks
flexible AC transmission systems
load flow
power grids
power system interconnection
power systems
reactive power
smart power grids
DEU elektrisches Netz (Energienetz)

Transmissionselektronenmikroskop
DEU for transmission electron microscopes

Transmissionselektronenmikroskopie
DEU for transmission electron microscopy

Transmissionsverfahren (Ultraschall)
DEU for ultrasonic transmission

transmitters
NT optical transmitters
radar transmitters
radio transmitters
repeaters
television transmitters
transceivers
transponders
RT antennas
automatic frequency control
automatic gain control
exciters
gain control
microphones
modulation
modulators
oscillators
receivers
telecommunication
telecommunication terminals
teleprinters
DEU Sender

transmitting antennas
BT antennas
PT broadcast antennas
RT broadcast antennas
DEU Übertragungsantenne

Transmultiplexbetrieb
DEU for transmultiplexing

transmultiplexing
BT multiplexing
SY *FDM/TDM translation*
PT multiplexing
RT analogue-digital conversion
data communication
pulse code modulation
DEU Transmultiplexbetrieb

transonic flow
BT flow
PT flow
RT aerodynamics
compressible flow
Mach number
shock waves
subsonic flow
supersonic flow
DEU transsonische Strömung
DSY Überschallströmung

transparence
USE transparency

transparency
NT self-induced transparency
SY *transparence*
RT density
light transmission
opacity
optical constants
turbidimetry
turbidity
DEU Transparenz

Transparenz
DEU for transparency

transpiration
PT diffusion
evaporation
flow through porous media
membranes
RT diffusion
evaporation
flow through porous media
membranes
DEU Schwitzverfahren

Transponder
DEU for transponders

transponders
BT receivers
transmitters
PT radio receivers
radio transmitters
RT amplifiers
radionavigation
satellite links
signal detection
DEU Transponder

Transport
DEU for transportation

transport computer control
USE transport control

transport control
BT automation
computerised control
NT aerospace control
computerised navigation
marine control
traffic control
SY *transport computer control*
PT transport computer control
RT aerospace computing
reservation computer systems
transportation
DEU Transportsteuerung

Transport Control Protocol/Internet Protocol
USE transport protocols

transport equation
USE Boltzmann equation
\+ Poisson equation

Transport im Biomembran
DUS für biomembrane transport

transport phenomena
USE transport processes

transport processes
NT ballistic transport
biotransport
carrier density
carrier lifetime
carrier mean free path
carrier mobility
carrier relaxation time
diffusion
dislocation scattering
electrical conductivity
electrical resistivity
electron transport theory
electron-hole recombination
high field effects
impurity scattering
ion mobility
minority carriers
neutron transport theory
photon transport theory
plasma transport processes
point defect scattering
Senftleben-Beenakker effect
spin polarised transport
surface scattering
thermal conductivity
thermal diffusivity
thermally stimulated currents
viscosity
UF *beta-ray scattering / beta-ray effects + collision processes + energy loss of particles + particle backscattering + potential scattering + transport processes*
UF *particle scattering / collision processes + energy loss of particles + particle backscattering + particle beams + potential scattering + radiation effects + transport processes*
SY *transport phenomena*
transport theory
RT Boltzmann equation
electrophoresis
Fokker-Planck equation
kinetic theory
Liouville equation
liquid theory
master equation
phonon-phonon interactions
photophoresis
Poisson equation
radiative transfer
statistical mechanics
DEU Transportprozess

transport protocols
BT protocols
UF *HTTP / hypermedia + transport protocols*
SY *TCP/IP*
Transport Control Protocol/Internet Protocol
UDP
User Datagram Protocol
PT protocols
RT internetworking
IP networks
multicast protocols
open systems
routing protocols
DEU Übertragungsprotokoll

transport theory
USE transport processes
DEU Transporttheorie

transport theory of neutrons
USE neutron transport theory

transport, biomembrane
USE biomembrane transport

transportables Gerät
DEU for portable instruments

transportables Instrument
DUS für portable instruments

transportation
NT nuclear materials transportation
public transport
rapid transit systems
vehicle routing
RT aircraft
bridges (structures)
cableway systems
canals
civil engineering
freight handling
goods distribution
helicopters

lifts
magnetic levitation
marine systems
materials handling
mobile communication
navigation
pedestrians
rail traffic
rail traffic control
railways
road traffic
road traffic control
roads
traction
traffic
transport control
vehicles
DEU Transport

Transportbehälter
DUS für freight containers

Transportprozess
DEU for transport processes

Transportsteuerung
DEU for transport control

Transporttheorie
DEU for transport theory

Transputer
DEU for transputers

transputer systems
BT distributed memory systems
PT multiprocessing systems
RT multiprocessor interconnection networks
transputers
DEU Transputersystem

transputers
BT microprocessor chips
PT microprocessor chips
RT microcomputers
parallel processing
transputer systems
DEU Transputer

Transputersystem
DEU for transputer systems

transsonische Strömung
DUS für acoustic streaming

transsonische Strömung
DEU for transonic flow

Transurane
DEU for transuranes

transuranes
NT americium
berkelium
curium
einsteinium
fermium
lawrencium
mendelevium
nobelium
DEU Transurane

transversal filters
BT filters
RT adaptive filters
digital filters
filtering theory
signal processing
surface acoustic wave filters
DEU Transversalfilter

Transversalfilter
DEU for transversal filters

transverse electromagnetic cells
USE TEM cells

transverse junction stripe lasers
USE semiconductor lasers

transverse rupture strength
USE bending strength

TRAPATT diodes
BT avalanche diodes
transit time devices
SY *trapped plasma avalanche transit-time diodes*
PT avalanche diodes
solid-state microwave devices
transit time devices
RT microwave diodes
millimetre wave diodes
DEU TRAPATT-Diode

TRAPATT-Diode
DEU for TRAPATT diodes

Trapezia
USE multiple stars

trapped electron centers
USE F-centres

trapped electron centres
USE F-centres

trapped hole centers
USE V-centres

trapped hole centres
USE V-centres

trapped ions
BT ions
RT laser cooling
particle traps
radiation pressure
DEU eingeschlossenens Ion
DSY Einschlussion

trapped plasma avalanche transit-time diodes
USE TRAPATT diodes

traps (ion)
USE particle traps

traps (neutron)
USE particle traps

traps, electron
USE electron traps

traps, hole
USE hole traps

traps, magnetic
USE magnetic traps

trauma
USE injuries

travel industry
BT service industries
SY *airlines*
tourism
PT administrative data processing
RT hotel industry
leisure industry
public transport
reservation computer systems
DEU Reiseindustrie

travelling ionospheric disturbances
USE ionospheric disturbances

travelling salesman problems
BT combinatorial mathematics
operations research
optimisation
PT combinatorial mathematics
operations research
optimisation
RT distribution strategy
neural nets
DEU Reisender-Handelsmann-Problem

travelling wave amplifiers
BT amplifiers
SY *TWTA*
PT microwave amplifiers
travelling wave tubes
RT distributed amplifiers
microwave amplifiers
microwave power amplifiers
millimetre wave amplifiers
radiofrequency power amplifiers
travelling wave tubes
UHF amplifiers
wideband amplifiers
DEU Wanderwellenantenne

travelling wave tubes
BT electron wave tubes
NT backward wave tubes
slow wave structures
UF *O-type tubes / microwave tubes + travelling wave tubes*
SY *TWT*
RT travelling wave amplifiers
DEU Wanderwellenröhre

Travelling-Wave-Gruppenantenne
DEU for antenna travelling wave arrays

treasury automation
USE financial data processing

treatment, heat
USE heat treatment

treatment, patient
USE patient treatment

treatment, surface
USE surface treatment

treatment, water
USE water treatment

tree codes
BT codes
PT codes
RT trees (mathematics)

DEU Baumcode

tree data structures
BT data structures
NT octrees
quadtrees
UF *B-trees / tree data structures + trees (mathematics)*
UF *tries / tree data structures + trees (mathematics)*
PT data structures
RT relational databases
search problems
spatial data structures
tree searching
trees (mathematics)
DEU Baumdatenstruktur
DSY binäre Datenstruktur
Datenbaumstruktur

tree ring records
USE proxy records (geophysical)

tree searching
BT search problems
SY *branch-and-bound techniques*
breadth first search
depth first search
PT search problems
tree data structures
RT tree data structures
DEU Baumsuche (Suchverfahren)
DSY binäre Suche

trees (electrical)
BT electric breakdown
SY *electrical treeing*
water treeing
PT electric breakdown of solids
RT cable insulation
insulation testing
organic insulating materials
DEU Kabelbaum (elektrisch)

trees (mathematics)
BT graph theory
NT decision trees
fault trees
octrees
quadtrees
UF *B-trees / tree data structures + trees (mathematics)*
UF *tries / tree data structures + trees (mathematics)*
PT trees (mathematical)
RT data structures
network topology
search problems
tree codes
tree data structures
DEU Baumstruktur (Mathematik)

trees (vegetation)
USE vegetation

Treiberstufe
DEU for driver circuits

Treibhaus
DUS für greenhouses

Treibmittelaufbereitung
DUS für fuel processing

Treibriemen
DEU for belts

Treibstoff
DEU for propellants

Treibstoffaufbereitung
DUS für fuel processing

Treibstoffentschwefelung
DUS für fuel desulphurisation

Treibstoffindustrie
DUS für fuel processing industries

Treibstoffspeicher
DUS für fuel storage

trellis coded modulation
BT modulation coding
trellis codes
SY *TCM*
PT modulation
trellis codes
DEU Gittercodemodulation

trellis codes
BT codes
NT trellis coded modulation
PT codes
error correction codes
RT binary sequences
space-time codes
DEU Gittercode

trench isolation technology
USE isolation technology

Trennen
DEU for separation

Trennung
DUS für separation

Trennverfahren
DUS für separation

tri-band antennas
USE multifrequency antennas

triacs
USE semiconductor switches
\+ thyristors

Triangel
DUS für bells

triangular wave generators
USE waveform generators

triboelectricity
BT electrostatics
NT surface charging
SY *frictional electricity*
RT friction
static electrification
tribology
DEU Triboelektrizität

Triboelektrizität
DEU for triboelectricity

Tribologie
DEU for tribology

tribology
NT friction
lubrication
mechanical contact
wear
PT friction
lubrication
wear
RT machine bearings
mechanical properties
stress effects
triboelectricity
triboluminescence
DEU Tribologie

triboluminescence
BT luminescence
SY *mechanoluminescence*
PT luminescence
RT tribology
DEU Reibungsleuchten
DSY Tribolumineszenz

Tribolumineszenz
DUS für triboluminescence

tricritical point
USE critical points

Triebwagen
DEU for motorcoaches

tries
USE tree data structures
\+ trees (mathematics)

trigatrons
USE gas-discharge tubes

trigeneration
BT electric power generation
PT cogeneration
RT cogeneration
space cooling
space heating
thermal power stations
DEU Dreistromerzeugung

trigger circuits
BT switching circuits
SY *Schmitt trigger*
RT flip-flops
multivibrators
DEU Trigger-Schaltung

Trigger-Schaltung
DEU for trigger circuits

Triode
DEU for triodes

triode sputter deposition
USE sputter deposition

triode sputtered coatings
USE sputtered coatings

triode sputtering
USE sputtering

triodes
BT vacuum tubes
PT electron tubes
vacuum tubes
DEU Triode

Trion
DEU for trions

trions
BT excitons
PT excitons
RT semiconductor materials
spectra (general)
DEU Trion

triple mode Cepheids
USE variable stars

triple point
USE critical points

triplet state
BT excited states
PT inorganic molecule electronic structure
molecular electronic structure
organic molecule electronic structure
RT electronic structure
excitons
fluorescence
metastable states
phosphorescence
resonant states
Rydberg states
DEU Triplet-Zustand

Triplet-Zustand
DEU for triplet state

tritium
RT hydrogen
tritium compounds
DEU Tritium

tritium compounds
BT hydrogen compounds
RT tritium
DEU Tritiumverbindung

tritium handling
RT fusion reactor fuel
radioactive waste
safety
DEU Tritiumbehandlung

Tritiumbehandlung
DEU for tritium handling

Tritiumverbindung
DEU for tritium compounds

Tritium
DEU for tritium

Triton
DEU for tritons

triton interactions
USE triton-nucleus reactions

triton reactions
USE triton-nucleus scattering

triton scattering
USE triton-nucleus scattering

Triton-Atomkern-Reaktion
DEU for triton-nucleus reactions

Triton-Atomkern-Streuung
DEU for triton-nucleus scattering

triton-nucleus reactions
BT nuclear reactions and scattering
SY *triton interactions*
PT nuclear reactions and scattering due to tritons
triton interactions
RT nuclear fusion
DEU Triton-Atomkern-Reaktion

triton-nucleus scattering
BT nuclear reactions and scattering
SY *triton reactions*
triton scattering
PT nuclear reactions and scattering due to tritons
triton scattering
DEU Triton-Atomkern-Streuung

tritons
BT composite particles
nuclei with mass number 1 to 5
UF *hypertritons / hypernuclei + tritons*
DEU Triton

Trockenpressen
DUS für pressing

Trocknen
DEU for drying

Trojan horses
USE invasive software

trolleybuses
USE road vehicles

trolleys
BT materials handling equipment
RT cranes
railways

road vehicles
traction
DEU Einkaufswagen
DSY Gepäckwagen
Handwagen
Kofferkuli
Sackkarre
Straßenbahn
Straßenbahnwagen

Trophen
DEU for drops

tropical cyclones
USE storms

tropopause
USE stratosphere
+ troposphere

Troposphäre
DEU for troposphere

troposphärische Wellenausbreitung
DEU for tropospheric electromagnetic wave propagation

troposphere
BT terrestrial atmosphere
NT atmospheric boundary layer
UF *tropopause / stratosphere + troposphere*
PT terrestrial atmosphere
RT tropospheric electromagnetic wave propagation
DEU Troposphäre

tropospheric electromagnetic wave propagation
BT atmospheric electromagnetic wave propagation
RT radiowave propagation
troposphere
DEU troposphärische Wellenausbreitung

TRRR spectroscopy
USE Raman spectroscopy
+ time resolved spectroscopy

TRS computers
USE Radio Shack computers

Trübung
DEU for turbidity

Trübung (physikalische Chemie)
DUS für precipitation (physical chemistry)

Trübungsmessung
DEU for turbidimetry

trusses
USE supports

trusted computing
BT DP industry
SY *trustworthy computing*
PT security of data
RT authorisation
computer network security
cryptography
data integrity
data privacy
digital rights management
microcomputers
operating systems (computers)
security of data
telecommunication security
DEU vertauliche Computeranwendung
DSY vertauliche Rechneranwendung

trustworthy computing
USE trusted computing

truth maintenance
BT knowledge engineering
SY *assumption-based truth maintenance systems*
ATMS
PT knowledge engineering
RT inference mechanisms
DEU Wahrheitserhaltung
DSY Wahrheitsgehalt

truth model
USE flavour model

truth tables
USE logic design

TSC
USE thermally stimulated currents

TSCD
USE thermally stimulated currents

Tschebyscheff-Filter
DEU for Chebyshev filters

Tschebyscheff-Funktion
DEU for Chebyshev approximation

TSD
USE thermally stimulated currents

tsunami
PT ocean waves
seismic waves
RT disasters
emergency management
ocean waves
rescue robots
seismic waves
DEU Tsunami (Seebebenwelle)

Tsunami (Seebebenwelle)
DEU for tsunami

TSV technology
USE three-dimensional integrated circuits

TTL
USE transistor-transistor logic

tube flow
USE pipe flow

Tubenpresse
DUS für presses

tubes
USE pipes

tubes, electron
USE electron tubes

Tünche
DUS für varnish

Tür (Produkt)
DEU for doors

Türangel
DUS für hinges

Tüte
DUS für bags

Tumor
DEU for tumours

tumors
USE tumours

tumours
BT biological tissues
UF *oncology / cancer + tumours*
SY *tumors*
RT cancer
cellular biophysics
DEU Tumor

tuners
USE tuning
DEU Frequenzabstimmeinrichtung

tungsten
BT transition metals
SY *W (chemical element)*
wolfram
RT tungsten alloys
tungsten compounds
DEU Tungsten
DSY Wolfram (chemisches Element)

tungsten alloys
BT transition metal alloys
NT Elinvar (alloy)
PT tungsten compounds
RT tungsten
tungsten compounds
DEU Wolframlegierung

tungsten compounds
BT transition metal compounds
RT tungsten
tungsten alloys
DEU Wolframverbindung

tungsten inert gas welding
USE arc welding

Tungsten
DEU for tungsten

tuning
NT circuit tuning
optical tuning
SY *tuners*
RT automatic frequency control
automatic gain control
coupled circuits
LC circuits
oscillators
radio receivers
resonance
resonators
television receivers
DEU Abgleich

tuning forks
USE vibrations

Tunnel
DEU for tunnels

tunnel diode amplifiers
BT amplifiers
tunnel diodes
PT microwave amplifiers
tunnel diodes
DEU Tunneldiodenverstärker

tunnel diode oscillators
BT oscillators
tunnel diodes
RT microwave oscillators
millimetre wave oscillators
UHF oscillators
DEU Tunneldiodenoszillator

tunnel diodes
BT negative resistance devices
semiconductor diodes
NT resonant tunnelling diodes
tunnel diode amplifiers
tunnel diode oscillators
SY *Esaki diodes*
UF *TUNNETT diodes / transit time devices + tunnel diodes*
RT microwave diodes
millimetre wave diodes
MIM devices
quantum interference devices
tunnel transistors
tunnelling
UHF diodes
DEU Tunneldiode

tunnel effect
USE tunnelling
DEU Tunneleffekt

tunnel transistors
BT transistors
NT resonant tunnelling transistors
single electron transistors
RT bipolar transistors
tunnel diodes
tunnelling
DEU Tunneltransistor

Tunnel-Spektrometrie
DEU for tunnelling spectroscopy

Tunnel-Spektroskopie
DUS für tunnelling spectroscopy

Tunneldiode
DEU for tunnel diodes

Tunneldiodenoszillator
DEU for tunnel diode oscillators

Tunneldiodenverstärker
DEU for tunnel diode amplifiers

Tunneleffekt
DEU for tunnel effect

tunneling
USE tunnelling

tunneling magnetoresistance
USE tunnelling magnetoresistance

tunneling spectra
USE tunnelling spectra

tunneling spectroscopy
USE tunnelling spectroscopy

tunnelling
NT magnetic tunnelling
resonant tunnelling
superconductive tunnelling
SY *electron tunnelling*
Esaki effect
tunnel effect
tunneling
RT hot electron transistors
quantum interference phenomena
resonant tunnelling devices
scanning tunnelling microscopy
scanning tunnelling spectroscopy
semiconductor materials
semiconductors
tunnel diodes
tunnel transistors
tunnelling spectra
tunnelling spectroscopy
Zener effect
DEU Durchtunnelung (Halbleiter)

tunnelling magnetoresistance
BT enhanced magnetoresistance
magnetic tunnelling
SY *TMR*
tunneling magnetoresistance
PT colossal magnetoresistance
giant magnetoresistance
magnetoresistance
RT colossal magnetoresistance
giant magnetoresistance
magnetoresistive devices
DEU Tunnelmagnetresonanz

tunnelling spectra
BT spectra (general)
UF *IETS / tunnelling spectra + tunnelling spectroscopy*
SY *inelastic electron tunnelling spectra*
tunneling spectra
PT spectra
tunnelling
RT electron-phonon interactions
phonons
scanning tunnelling spectroscopy
superconductive tunnelling
tunnelling
DEU Tunnelspektrum

tunnelling spectroscopy
BT spectroscopy
NT scanning tunnelling spectroscopy
UF *IETS / tunnelling spectra + tunnelling spectroscopy*
SY *inelastic electron tunnelling spectroscopy*
tunneling spectroscopy
PT spectroscopy
tunnelling
RT electron-phonon interactions
phonons
superconductive tunnelling
tunnelling
DEU Tunnel-Spektrometrie
DSY Tunnel-Spektroskopie
Tunnelspektrometrie
Tunnelspektroskopie

Tunnelmagnetresonanz
DEU for tunnelling magnetoresistance

tunnels
BT geotechnical structures
PT civil engineering
RT construction industry
geotechnical engineering
mining
underground communication
DEU Tunnel

tunnels, wind
USE wind tunnels

Tunnelspektrometrie
DUS für tunnelling spectroscopy

Tunnelspektroskopie
DUS für tunnelling spectroscopy

Tunnelspektrum
DEU for tunnelling spectra

Tunneltransistor
DEU for tunnel transistors

TUNNETT diodes
USE transit time devices
\+ tunnel diodes

turbidimeters
USE turbidimetry

turbidimetry
BT optical variables measurement
SY *nephelometry*
opacimeters
turbidimeters
RT chemical analysis
light scattering
transparency
turbidity
DEU Trübungsmessung

turbidity
PT light scattering
RT light scattering
opacity
solubility
suspensions
transparency
turbidimetry
DEU Trübung

Turbine
DEU for turbines

turbine generators
USE turbogenerators

turbines
BT turbomachinery
NT gas turbines
hydraulic turbines
steam turbines
wind turbines
RT compressors
marine systems
rotary engines
rotors (mechanical)
turbogenerators
DEU Turbine

turbo codes
BT codes
PT concatenated codes
convolutional codes
RT concatenated codes

convolutional codes
interleaved codes
iterative decoding
space-time codes
DEU Turbo-Code

Turbo-Code
DEU for turbo codes

turboalternators
USE alternators
\+ turbogenerators

turbochargers
USE compressors
\+ fuel systems

turbofan engines
USE jet engines

Turbogenerator
DEU for turbogenerators

turbogenerators
BT electric generators
turbomachinery
SY *turbine generators*
UF *turboalternators / alternators + turbogenerators*
RT gas turbines
hydroelectric generators
steam turbines
turbines
DEU Turbogenerator

turbojet engines
USE jet engines

turbomachine blades
USE blades
\+ turbomachinery

turbomachinery
BT machinery
NT turbines
turbogenerators
UF *turbomachine blades / blades + turbomachinery*
PT machinery
RT blades
compressors
engines
machine components
pumps
DEU Turbomaschine

Turbomaschine
DEU for turbomachinery

turboprop engines
USE jet engines

turbulence
BT flow
NT atmospheric turbulence
boundary layer turbulence
plasma turbulence
shear turbulence
turbulent diffusion
RT aerodynamics
cavitation
drag
drag reduction
laminar to turbulent transitions
vortices
wakes
DEU Turbulenz

turbulence in shear flow
USE shear turbulence

turbulence, atmospheric
USE atmospheric turbulence

turbulent boundary layers
USE boundary layer turbulence

turbulent diffusion
BT diffusion
turbulence
PT diffusion
turbulence
DEU turbulente Diffusion

turbulente Diffusion
DEU for turbulent diffusion

Turbulenz
DEU for turbulence

Turbulenzunterdrückung
DEU for drag reduction

Turing machines
BT automata theory
RT digital computers
formal logic
DEU Turing-Automat
DSY Turing-Maschine
Turingmaschine

Turing-Automat
DEU for Turing machines

Turing-Maschine
DUS für Turing machines

Turingmaschine
DUS für Turing machines

Turm (Kabel)
DUS für poles and towers

turning (machining)
BT machining
PT machining
RT boring
cutting
lathes
machine tools
DEU Drehen (Bearbeitung)

Tuschierpresse
DUS für presses

TV
USE television

TV shearography
USE electronic speckle pattern interferometry

TV-Gerät
DUS für television receivers

TVRO
USE television antennas
\+ television receivers

Tweidimensionalspektroskopie
DEU for two-dimensional spectroscopy

twilight
USE atmospheric radiation

twin boundaries
BT grain boundaries
PT grain boundaries
RT twinning
DEU Doppelgrenze

twin degenerate interacting binary stars
USE cataclysmic binary stars
\+ white dwarfs

twinning
BT crystal defects
RT crystal growth
crystal structure
crystals
twin boundaries
DEU Zwillingsbildung (Kristall)

twist boundaries
BT grain boundaries
PT grain boundaries
RT screw dislocations
DEU Biegungsgrenze
DSY Drehgrenze
Verzerrungsgrenze
Windungsgrenze

twisted pair cables
BT telecommunication cables
SY *unshielded twisted pair cables*
UTP cables
PT telecommunication cables
RT baluns
DEU Twisted-Pair-Kabel

Twisted-Pair-Kabel
DEU for twisted pair cables

Twitter
USE social networking (online)

two dimensional electron gas field effect transistors
USE high electron mobility transistors

two wave mixing (optical)
USE multiwave mixing

two-dimensional digital filters
BT multidimensional digital filters
SY *2D digital filters*
PT digital filters
RT image processing
pattern recognition
quadrature mirror filters
recursive filters
DEU zweidimensionales Digitalfilter

two-dimensional electron gas
BT electron gas
SY *2D electron gas*
2DEG
PT electron gas
RT composite fermions
interface states
semiconductor heterojunctions
semiconductor junctions
semiconductor quantum wells
skyrmions
surface states
two-dimensional hole gas
DEU zweidimensionales Elektronengas

two-dimensional hole gas
BT energy states
SY *2D hole gas*
PT two-dimensional electron gas
RT hole density
interface states
quantum Hall effect
semiconductor quantum wells
two-dimensional electron gas
DEU zweidimensionales Lochgas

two-dimensional photonic crystals
USE photonic crystals

two-dimensional spectra
BT spectra (general)
SY *2D spectra*
RT Brillouin spectra
Fourier transform spectra
luminescence
matrix isolation spectra
microwave spectra
modulation spectra
multiphoton spectra
Raman spectra
two-dimensional spectroscopy
X-ray spectra
DEU zweidimensionales Spektrum

two-dimensional spectroscopy
BT spectroscopy
SY *2D spectroscopy*
RT Fourier transform spectroscopy
interference spectroscopy
magnetic resonance spectroscopy
matrix isolation spectroscopy
microwave spectroscopy
modulation spectroscopy
multiphoton spectroscopy
radiofrequency spectroscopy
two-dimensional spectra
two-photon spectroscopy
X-ray spectroscopy
DEU Tweidimensionalspektroskopie
DSY zweidimensionale Spektroskopie

two-dimensional systems
USE multidimensional systems

two-phase flow
BT multiphase flow
NT granular flow
DEU Zweiphasenströmung

two-phonon processes
USE phonon-phonon interactions

two-photon processes
BT multiphoton processes
NT two-photon spectra
RT Hanle effect
Jaynes-Cummings model
optical hole burning
optical pumping
population inversion
spectra (general)
Stark effect
stimulated emission
Zeeman effect
DEU Zweiphotonenprozess
DSY Zweiphotonenverfahren

two-photon spectra
BT multiphoton spectra
two-photon processes
PT spectra
DEU Zweiphotonenspektrum

two-photon spectroscopy
BT multiphoton spectroscopy
PT spectroscopy
RT laser beam applications
measurement by laser beam
two-dimensional spectroscopy
DEU Zweiphotonen-Spektrometrie
DSY Zweiphotonen-Spektroskopie
Zweiphotonenspektrometrie
Zweiphotonenspektroskopie

two-port networks
BT multiport networks
PT multiport networks
RT equivalent circuits
microwave circuits
network analysis
S-parameters
DEU Zweiportnetz

two-term control
BT control theory
NT PD control
PI control
PT control theory
controllers
RT proportional control
three-term control
DEU Zweiwertkontrolle
DSY Zweiwertregelung
Zweiwertsteuerung

TWT
USE travelling wave tubes

TWTA
USE travelling wave amplifiers

Typ II Supraleitermaterial
DUS für type II superconducting materials

Typ II Supraleiterwerkstoff
DUS für type II superconducting materials

type fonts
USE character sets

type I superconducting materials
BT superconducting materials
DEU Type I Supraleitermaterial
DSY Type I Supraleiterwerkstoff

type I superconductors
BT superconducting materials
superconductivity
NT intermediate state
PT type I superconducting materials
DEU Supraleiter erster Art

Type I Supraleitermaterial
DEU for type I superconducting materials

Type I Supraleiterwerkstoff
DUS für type I superconducting materials

Type II Cepheids
USE variable stars

type II superconducting materials
BT superconducting materials
DEU Supraleitermaterial Typ II
DSY Supraleiterwerkstoff Typ II
Typ II Supraleitermaterial
Typ II Supraleiterwerkstoff

type II superconductors
BT superconducting materials
superconductivity
NT mixed state
RT composite superconductors
heavy fermion superconductors
high-temperature superconductors
magnetic superconductors
organic superconductors
pnictide superconductors
DEU Supraleiter zweiter Art

type inference
USE reasoning about programs
\+ type theory

type theory
BT programming theory
SY *Martin-Loff type theory*
UF *type inference / reasoning about programs + type theory*
PT data structures
RT abstract data types
data structures
ML language
reasoning about programs
DEU Typentheorie

Typenraddrucker
DEU for daisy wheel printers

Typensatz
DUS für typesetting

Typentheorie
DEU for type theory

typesetting
BT printing
NT electronical typesetting
lead typesetting
mechanical typesetting
photo typesetting
PT computer controlled typesetting
RT printing industry
publishing
DEU Satztechnik
DSY Schriftsatz
Setztechnik
Typensatz

typewriters
NT teleprinters
SY *electronic typewriters*
RT keyboards
word processing
DEU Schreibmaschine

typhoons
USE storms

tyres
BT rubber products
SY *tires*
RT automotive components
wheels
DEU Reifen

Tyristoranwendung
DEU for thyristor applications

Tyristorschaltkreis
DEU for thyristor circuits

Tyristorschaltung
DUS für thyristor circuits

U (chemical element)
USE uranium
DEU U (chemisches Element)

U (chemisches Element)
DEU for U (chemical element)

U Gem stars
USE dwarf novae

U TrA stars
USE variable stars

U-centers
USE U-centres

U-centres
BT colour centres
SY *U-centers*
PT colour centres
DEU U-Zentrum

U-Zentrum
DEU for U-centres

UART
USE computer interfaces
\+ data communication equipment

UAV
USE autonomous aerial vehicles

ubiquitäre Computernutzung
DUS für ubiquitous computing

ubiquitäre Rechnernutzung
DUS für ubiquitous computing

ubiquitous computing
NT ambient intelligence
Internet of Things
mobile computing
SY *context awareness*
pervasive computing
PT mobile computing
RT socio-economic effects
wearable computers
DEU allgegenwärtige Computeranwendung
DSY allgegenwärtige Computernutzung
allgegenwärtige Rechneranwendung
allgegenwärtige Rechnernutzung
ubiquitäre Computernutzung
ubiquitäre Rechnernutzung

ubitrons
USE microwave tubes

UDP
USE transport protocols

über das Standardmodell hinausgehendes Modell
DUS für models beyond standard model

Überblick
DEU for reviews

Übercodieren
DEU for transcoding

Übercodierung
DUS für transcoding

Überdruck
DUS für pressure

Übereinstimmung
DUS für parity

Übergangshalbleiter
DEU for semiconductor junctions

Übergangsmetall
DEU for transition metals

Übergangsmetalllegierung
DUS für transition metal alloys

Übergangsmetallverbindung
DEU for transition metal compounds

Übergangsmoment
DEU for transition moments

Übergangsstrahlendetektor
DEU for transition radiation detectors

Übergangsstrahlung
DEU for transition radiation

überkritischer Druck
DUS für pressure

überkritisches Druckverhältnis
DUS für pressure

Überlagerungs-Detektion
DUS für heterodyne detection

Überlagerungsdetektion
DUS für heterodyne detection

Überlagerungsempfänger
DEU for superheterodyne receivers

Überlagerungsnetz
DEU for overlay networks

Überlagerungsstreuung
DEU for dislocation scattering

Überlastungssteuerung und -regelung (Nachrichtennetz)
DUS für telecommunication congestion control

Übermittlung
DEU for transmission

Überprüfung
DUS für testing

Überschallströmung
DUS für hypersonic flow
transonic flow

Überschallströmung
DEU for supersonic flow

Übersicht
DUS für reviews

Überspannung (elektrisch)
DEU for overvoltage

Überspannungsschutz
DEU for overvoltage protection

Überstrom
DEU for overcurrent

Überstromschutz
DEU for overcurrent protection

Übertagungsnetzberechnung
DEU for transmission network calculations

Übertragung
DUS für transmission

Übertragung elektromagnetischer Wellen
DUS für electromagnetic wave transmission

Übertragungsantenne
DEU for transmitting antennas

Übertragungsfunktion
DUS für transfer functions

Übertragungsfunktionsmatrix
DEU for transfer function matrices

Übertragungsleitung
DEU for transmission lines

Übertragungsleitungstheorie
DEU for transmission line theory

Übertragungslinienmatrixmethode
DEU for transmission line matrix methods

Übertragungsnetzkalkulation
DUS für transmission network calculations

Übertragungsnorm
DUS für transfer standards

Übertragungsprotokoll
DEU for transport protocols

Übertragungsstandard
DUS für transfer standards

Überwachung
DEU for surveillance

Überwachung der Dichte
DUS für density control

Überweisungsbearbeitung
DEU for remittance processing

Überweisungsverarbeitung
DUS für remittance processing

Überzugssprühausrüstung
DEU for spray coating techniques

übriges Zahlensystem
DUS für residue number systems

UHF amplifiers
BT radiofrequency amplifiers
UHF devices
NT UHF power amplifiers
SY *ultra-high-frequency amplifiers*
PT ultra-high-frequency amplifiers
RT low noise amplifiers
microwave amplifiers
MMIC amplifiers
travelling wave amplifiers

UHF circuits
UHF tubes
VHF amplifiers
DEU UHF-Verstärker
DSY Ultrahochfrequenzverstärker

UHF antennas
BT antennas
UHF devices
RT broadband antennas
cellular radio
land mobile radio
microwave antennas
mobile handsets
planar inverted-F antennas
UHF radio propagation
VHF antennas
wearable antennas
DEU UHF-Antenne
DSY Ultrahochfrequenzantenne

UHF bipolar transistors
BT bipolar transistors
UHF transistors
SY *ultra-high-frequency bipolar transistors*
PT bipolar transistors
heterojunction bipolar transistors
solid-state microwave devices
RT heterojunction bipolar transistors
microwave bipolar transistors
DEU bipolarer UHF-Transistor
DSY Ultrahochfrequenzbipolartranistor
Ultrahochfrequenzbipolartransistor

UHF calculations
USE HF calculations

UHF circuits
BT networks (circuits)
UHF devices
NT UHF integrated circuits
SY *ultra-high-frequency circuits*
PT microwave circuits
solid-state microwave circuits
RT microstrip circuits
microwave circuits
strip line circuits
UHF amplifiers
UHF filters
UHF frequency convertors
UHF mixers
UHF oscillators
UHF phase shifters
VHF circuits
DEU UHF-Schaltkreis
DSY UHF-Schaltung
Ultrahochfrequenzschaltkreis
Ultrahochfrequenzschaltung

UHF couplers
BT UHF devices
SY *ultra-high-frequency couplers*
PT waveguide couplers
RT microstrip couplers
strip line couplers
waveguide couplers
DEU UHF-Koppelglied
DSY UHF-Koppler
Ultrahochfrequenzkoppelglied
Ultrahochfrequenzkoppler

UHF detectors
BT sensors
UHF devices
PT microwave detectors
RT microwave detectors
radiometers
UHF measurement
DEU UHF-Detektor
DSY Ultrahochfrequenzdetektor

UHF devices
NT UHF amplifiers
UHF antennas
UHF circuits
UHF couplers
UHF detectors
UHF diodes
UHF filters
UHF frequency convertors
UHF mixers
UHF oscillators
UHF phase shifters
UHF resonators
UHF transistors
UHF tubes
SY *ultra-high-frequency devices*
PT microwave devices
RT microwave devices
UHF generation
UHF measurement
VHF devices
DEU UHF-Bauelement
DSY UHF-Bauteil
UHF-Gerät
Ultrahochfrequenzbauelement
Ultrahochfrequenzbauteil
Ultrahochfrequenzgerät

UHF diodes
BT semiconductor diodes
UHF devices
UF *QWITT diodes / microwave diodes + millimetre wave diodes + transit time devices + UHF diodes*
SY *ultra-high-frequency diodes*

PT solid-state microwave devices
RT Gunn diodes
microwave diodes
p-i-n diodes
tunnel diodes
DEU UHF-Diode
DSY Ultrahochfrequenzdiode

UHF FET
USE UHF field effect transistors

UHF field effect transistors
BT field effect transistors
UHF transistors
SY *UHF FET*
ultra-high-frequency field effect transistors
PT solid-state microwave devices
RT high electron mobility transistors
microwave field effect transistors
Schottky gate field effect transistors
DEU UHF-Feldeffekttransistor
DSY Ultrahochfrequenzfeldeffekttransisto r

UHF filters
BT radiofrequency filters
UHF devices
SY *ultra-high-frequency filters*
PT microwave filters
RT distributed parameter filters
microstrip filters
microwave filters
resonator filters
strip line filters
UHF circuits
UHF resonators
VHF filters
waveguide filters
DEU UHF-Filter
DSY Ultrahochfrequenzfilter

UHF frequency convertors
BT frequency convertors
UHF devices
SY *ultra-high-frequency frequency convertors*
PT frequency convertors
RT microwave frequency convertors
MMIC frequency convertors
UHF circuits
DEU UHF-Frequenzkonverter

UHF generation
SY *ultra-high-frequency generation*
PT microwave generation
RT microwave generation
UHF devices
UHF oscillators
UHF tubes
DEU UHF-Erzeugung
DSY UHF-Generierung
UltrahochfrequenzErzeugung
Ultrahochfrequenzgenerierung

UHF integrated circuits
BT radiofrequency integrated circuits
UHF circuits
SY *ultra-high-frequency integrated circuits*
PT microwave integrated circuits
MMIC
RT microwave integrated circuits
MMIC
DEU integrierte UHF-Schaltung
DSY integrierte Ultrahochfrequenzschaltung
integrierter UHF-Schaltkreis
integrierter Ultrahochfrequenzschaltkreis

UHF measurement
BT radiofrequency measurement
SY *ultra-high-frequency measurement*
PT microwave measurement
RT microwave measurement
radiometry
UHF detectors
UHF devices
DEU UHF-Messung
DSY Ultrahochfrequenzsmessung

UHF mixers
BT mixers (circuits)
UHF devices
SY *ultra-high-frequency mixers*
PT mixers (circuits)
RT microwave mixers
MMIC mixers
UHF circuits
DEU UHF-Frequenzumsetzer
DSY Ultrahochfrequenzfrequenzumsetze r

UHF oscillators
BT radiofrequency oscillators
UHF devices
SY *ultra-high-frequency oscillators*
PT microwave oscillators
radiofrequency oscillators
RT backward wave oscillators
dielectric resonator oscillators
microwave oscillators
MMIC oscillators
tunnel diode oscillators

UHF circuits
UHF generation
UHF tubes
VHF oscillators
voltage-controlled oscillators
DEU UHF-Oszillator
DSY UHF-Schwingkreis
Ultrahochfrequenzoszillator
Ultrahochfrequenzschwingkreis

UHF phase shifters
BT phase shifters
UHF devices
SY *ultra-high-frequency phase shifters*
PT phase shifters
RT ferrite phase shifters
microwave phase shifters
MMIC phase shifters
UHF circuits
DEU UHF-Phasenverschieber
DSY Ultrahochfrequenzphasenverschiebe
r

UHF power amplifiers
BT radiofrequency power amplifiers
UHF amplifiers
SY *ultra-high-frequency power amplifiers*
PT power amplifiers
ultra-high-frequency amplifiers
RT microwave power amplifiers
MMIC power amplifiers
DEU UHF-Leistungsverstärker
DSY Ultrahochfrequenzleistungsverstärk
er

UHF propagation
USE UHF radio propagation

UHF radio propagation
BT radiowave propagation
SY *UHF propagation*
ultra-high-frequency radio propagation
PT radiowave propagation
RT microwave propagation
UHF antennas
VHF radio propagation
DEU UHF-Radiosausbreitung
DSY UHF-Radioswellenausbreitung
UHF-Wellenausbreitung
Ultrahochfrequenzradiosausbreitung
Ultrahochfrequenzradioswellenausb
reitung
Ultrahochfrequenzwellenausbreitung

UHF resonators
BT resonators
UHF devices
PT resonators
RT band-pass filters
cavity resonators
crystal resonators
dielectric resonators
micromechanical resonators
microstrip resonators
microwave resonators
passive filters
Q-factor
surface acoustic wave resonators
UHF filters
DEU UHF-Resonator
DSY Ultrahochfrequenzresonator

UHF spectroscopy
USE radiofrequency spectroscopy

UHF transistors
BT transistors
UHF devices
NT UHF bipolar transistors
UHF field effect transistors
SY *ultra-high-frequency transistors*
PT solid-state microwave devices
RT microwave transistors
DEU UHF-Transistor
DSY Ultrahochfrequenztransistor

UHF tubes
BT electron tubes
UHF devices
SY *ultra-high-frequency tubes*
PT ultra-high-frequency tubes
RT klystrons
microwave tubes
UHF amplifiers
UHF generation
UHF oscillators
vircators
DEU UHF-Röhre
DSY Ultrahochfrequenzröhre

UHF-Antenne
DEU for UHF antennas

UHF-Bauelement
DEU for UHF devices

UHF-Bauteil
DUS für UHF devices

UHF-Detektor
DEU for UHF detectors

UHF-Diode
DEU for UHF diodes

UHF-Erzeugung
DEU for UHF generation

UHF-Feldeffekttransistor
DEU for UHF field effect transistors

UHF-Filter
DEU for UHF filters

UHF-Frequenzkonverter
DEU for UHF frequency convertors

UHF-Frequenzumsetzer
DEU for UHF mixers

UHF-Generierung
DUS für UHF generation

UHF-Gerät
DUS für UHF devices

UHF-Koppelglied
DEU for UHF couplers

UHF-Koppler
DUS für UHF couplers

UHF-Leistungsverstärker
DEU for UHF power amplifiers

UHF-Messung
DEU for UHF measurement

UHF-Oszillator
DEU for UHF oscillators

UHF-Phasenverschieber
DEU for UHF phase shifters

UHF-Radiosausbreitung
DEU for UHF radio propagation

UHF-Radioswellenausbreitung
DUS für UHF radio propagation

UHF-Resonator
DEU for UHF resonators

UHF-Röhre
DEU for UHF tubes

UHF-Schaltkreis
DEU for UHF circuits

UHF-Schaltung
DUS für UHF circuits

UHF-Schwingkreis
DUS für UHF oscillators

UHF-Transistor
DEU for UHF transistors

UHF-Verstärker
DEU for UHF amplifiers

UHF-Wellenausbreitung
DUS für UHF radio propagation

UHFAA calculations
USE HF calculations

Uhr (allgemein)
DEU for clocks

Uhr (Wächter)
DUS für watches

UIMS
USE user interface management systems

ULA
USE logic arrays

ULSI
BT large scale integration
SY *ultra-large scale integration*
PT VLSI
RT VLSI
wafer-scale integration
DEU ULSI (ultradichte Integration)

ULSI (ultradichte Integration)
DEU for ULSI

ultimate tensile strength
USE tensile strength

ultra short period B stars
USE variable stars

ultra wideband antennas
BT broadband antennas
ultra wideband technology
SY *ultrawideband antennas*
UWB antennas
PT broadband antennas
RT antenna radiation patterns

omnidirectional antennas
radar antennas
DEU Ultrabreitbandantenne

ultra wideband communication
BT telecommunication
ultra wideband technology
SY *impulse radio*
ultrawideband communication
UWB communication
PT broadband networks
RT broadband networks
indoor radio
military communication
multipath channels
radio networks
radio receivers
radiofrequency interference
spread spectrum communication
DEU Ultrabreitbandkommunikation

ultra wideband radar
BT radar
ultra wideband technology
SY *ultrawideband radar*
UWB radar
PT radar
RT electromagnetic wave scattering
ground penetrating radar
military radar
radar clutter
radar detection
radar imaging
radar signal processing
remote sensing by radar
synthetic aperture radar
DEU Ultrabreitbandradar

ultra wideband technology
NT ultra wideband antennas
ultra wideband communication
ultra wideband radar
SY *ultrawideband technology*
UWB technology
DEU Ultrabreitbandtechnik
DSY Ultrabreitbandtechnologie

ultra-high-frequency amplifiers
USE UHF amplifiers

ultra-high-frequency bipolar transistors
USE UHF bipolar transistors

ultra-high-frequency circuits
USE UHF circuits

ultra-high-frequency couplers
USE UHF couplers

ultra-high-frequency devices
USE UHF devices

ultra-high-frequency diodes
USE UHF diodes

ultra-high-frequency field effect transistors
USE UHF field effect transistors

ultra-high-frequency filters
USE UHF filters

ultra-high-frequency frequency convertors
USE UHF frequency convertors

ultra-high-frequency generation
USE UHF generation

ultra-high-frequency integrated circuits
USE UHF integrated circuits

ultra-high-frequency measurement
USE UHF measurement

ultra-high-frequency mixers
USE UHF mixers

ultra-high-frequency oscillators
USE UHF oscillators

ultra-high-frequency phase shifters
USE UHF phase shifters

ultra-high-frequency power amplifiers
USE UHF power amplifiers

ultra-high-frequency radio propagation
USE UHF radio propagation

ultra-high-frequency transistors
USE UHF transistors

ultra-high-frequency tubes
USE UHF tubes

ultra-large scale integration
USE ULSI

Ultrabreitbandantenne
DEU for ultra wideband antennas

Ultrabreitbandkommunikation
DEU for ultra wideband communication

Ultrabreitbandradar
DEU for ultra wideband radar

Ultrabreitbandtechnik
DEU for ultra wideband technology

Ultrabreitbandtechnologie
DUS für ultra wideband technology

ultracapacitors
USE supercapacitors

ultracentrifuges
USE centrifuges

ultracold neutrons
BT neutrons
PT neutrons
RT neutron sources
DEU ultrakaltes Neutron

ultrafast optical techniques
USE high-speed optical techniques

ultrafiltration
BT filtration
PT filtration
RT chemical technology
membranes
separation
DEU Ultrafiltration

Ultrafiltration
DEU for ultrafiltration

Ultrahochfrequenzantenne
DUS für UHF antennas

Ultrahochfrequenzbauelement
DUS für UHF devices

Ultrahochfrequenzbauteil
DUS für UHF devices

Ultrahochfrequenzbipolartranistor
DUS für UHF bipolar transistors

Ultrahochfrequenzbipolartransistor
DUS für UHF bipolar transistors

Ultrahochfrequenzdetektor
DUS für UHF detectors

Ultrahochfrequenzdiode
DUS für UHF diodes

UltrahochfrequenzErzeugung
DUS für UHF generation

Ultrahochfrequenzfeldeffekttransistor
DUS für UHF field effect transistors

Ultrahochfrequenzfilter
DUS für UHF filters

Ultrahochfrequenzfrequenzumsetzer
DUS für UHF mixers

Ultrahochfrequenzgenerierung
DUS für UHF generation

Ultrahochfrequenzgerät
DUS für UHF devices

Ultrahochfrequenzkoppelglied
DUS für UHF couplers

Ultrahochfrequenzkoppler
DUS für UHF couplers

Ultrahochfrequenzleistungsverstärker
DUS für UHF power amplifiers

Ultrahochfrequenzoszillator
DUS für UHF oscillators

Ultrahochfrequenzphasenverschieber
DUS für UHF phase shifters

Ultrahochfrequenzradiosausbreitung
DUS für UHF radio propagation

Ultrahochfrequenzradioswellenausbreitu ng
DUS für UHF radio propagation

Ultrahochfrequenzresonator
DUS für UHF resonators

Ultrahochfrequenzröhre
DUS für UHF tubes

Ultrahochfrequenzschaltkreis
DUS für UHF circuits

Ultrahochfrequenzschaltung
DUS für UHF circuits

Ultrahochfrequenzschwingkreis
DUS für UHF oscillators

Ultrahochfrequenzsmessung
DUS für UHF measurement

Ultrahochfrequenztransistor
DUS für UHF transistors

Ultrahochfrequenzverstärker
DUS für UHF amplifiers

Ultrahochfrequenzwellenausbreitung
DUS für UHF radio propagation

ultrakaltes Neutron
DEU for ultracold neutrons

Ultraschall
DEU for ultrasonics

Ultraschall-Absorption
DEU for ultrasonic absorption

Ultraschall-Anwendung
DUS für ultrasonic applications

Ultraschall-Aufnehmer
DUS für ultrasonic transducers

Ultraschall-Ausbreitungseigenschaften
DUS für ultrasonic propagation

Ultraschall-Bearbeitung
DEU for ultrasonic machining

Ultraschall-Brechung
DEU for ultrasonic refraction

Ultraschall-Dispergierung
DUS für ultrasonic dispersion

Ultraschall-Dispersion
DUS für ultrasonic dispersion

Ultraschall-Durchgang
DUS für ultrasonic transmission

Ultraschall-Fokussierung
DUS für ultrasonic focusing

Ultraschall-Fokussierungstechnik
DUS für ultrasonic focusing

Ultraschall-Geschwindigkeit
DEU for ultrasonic velocity

Ultraschall-Geschwindigkeitsmessung
DUS für ultrasonic velocity measurement

Ultraschall-Messung
DUS für ultrasonic measurement

Ultraschall-Motor
DUS für ultrasonic motors

Ultraschall-Reinigung
DUS für ultrasonic cleaning

Ultraschall-Transducer
DUS für ultrasonic transducers

Ultraschall-Transmission
DUS für ultrasonic transmission

Ultraschall-Übertrager
DUS für ultrasonic transducers

Ultraschall-Übertragung
DUS für ultrasonic transmission

Ultraschall-Wandler
DUS für ultrasonic transducers

Ultraschall-Wandlersystem
DUS für ultrasonic transducers

Ultraschall-Werkstoffprüfung
DEU for ultrasonic materials testing

Ultraschallabbildung
DEU for ultrasonic imaging

Ultraschallabsorption
DUS für ultrasonic absorption

Ultraschallanordnung
DEU for ultrasonic arrays

Ultraschallanwendung
DUS für ultrasonic applications

Ultraschallarray
DUS für ultrasonic arrays

Ultraschallarraywandler
DEU for ultrasonic transducer arrays

Ultraschallaufnehmer
DUS für ultrasonic transducers

Ultraschallausbreitung
DEU for ultrasonic propagation

Ultraschallausbreitungs-Code
DUS für ultrasonic propagation

Ultraschallausbreitungsgeschwindigkeit
DUS für ultrasonic propagation

Ultraschallausrüstung
DEU for ultrasonic equipment

Ultraschallbauelement
DEU for ultrasonic devices

Ultraschallbearbeiten
DUS für ultrasonic machining

Ultraschallbearbeitung
DUS für ultrasonic machining

Ultraschallbehandlung
DUS für ultrasonic therapy

Ultraschallbeugung
DEU for ultrasonic diffraction

Ultraschallbilderzeugung
DUS für ultrasonic imaging

Ultraschallbildgebung
DUS für ultrasonic imaging

Ultraschallbonden
DUS für ultrasonic bonding

Ultraschallbondieren
DUS für ultrasonic bonding

Ultraschallbondverfahren
DUS für ultrasonic bonding

Ultraschallbrechung
DUS für ultrasonic refraction

Ultraschalldispersion
DUS für ultrasonic dispersion

Ultraschalldurchlässigkeit
DUS für ultrasonic transmission

Ultraschalleffekt
DEU for ultrasonic effects

Ultraschallfeld
DUS für ultrasonic arrays

Ultraschallfokussierung
DEU for ultrasonic focusing

Ultraschallfortpflanzung
DUS für ultrasonic propagation

Ultraschallfügen
DUS für ultrasonic bonding

Ultraschallfügeverfahren
DUS für ultrasonic bonding

Ultraschallgerät
DUS für ultrasonic devices

Ultraschallgeschwindigkeit
DUS für ultrasonic velocity

Ultraschallgeschwindigkeitsmessung
DUS für ultrasonic velocity measurement

Ultraschallgrößenmessung
DUS für ultrasonic variables measurement

Ultraschallgruppenstrahler
DUS für ultrasonic transducer arrays

Ultraschallgruppenstrahleranordnung
DUS für ultrasonic transducer arrays

Ultraschallgruppenwandler
DUS für ultrasonic transducer arrays

Ultraschallholographie
DEU for ultrasonic holography

Ultraschallinterferometrie
DUS für acoustic wave interferometers
acoustic wave interferometry

Ultraschallkontaktieren
DUS für ultrasonic bonding

Ultraschalllaufzeit
DUS für ultrasonic propagation

Ultraschallleistungswandler
DUS für ultrasonic transducers

Ultraschallmaterialprüfung
DUS für ultrasonic materials testing

Ultraschallmaterialtest
DUS für ultrasonic materials testing

Ultraschallmessen
DUS für ultrasonic measurement

Ultraschallmessung
DUS für ultrasonic measurement

Ultraschallmikroskop
DUS für acoustic microscopes

Ultraschallmikroskopie
DEU for acoustic microscopy

Ultraschallmotor
DUS für ultrasonic motors

Ultraschallnachlaufspur
DEU for ultrasonic delay lines

Ultraschallprüfgerät
DUS für ultrasonic devices
ultrasonic equipment

Ultraschallprüfkopf
DUS für ultrasonic transducers

Ultraschallreflexion
DUS für ultrasonic reflection

Ultraschallreinigen
DUS für ultrasonic cleaning

Ultraschallreinigung
DUS für ultrasonic cleaning

Ultraschallrelaxation
DEU for ultrasonic relaxation

Ultraschallschweißen
DUS für ultrasonic bonding

Ultraschallschweißen
DEU for ultrasonic welding

Ultraschallschweißgerät
DUS für ultrasonic welding

Ultraschallschweißtechnik
DUS für ultrasonic welding

Ultraschallschwinger
DUS für ultrasonic transducers

Ultraschallstreuung
DUS für ultrasonic scattering

Ultraschalltechnik
DUS für ultrasonics

Ultraschalltherapie
DUS für ultrasonic therapy

Ultraschalltomographie
DEU for ultrasonic tomography

Ultraschalltransmission
DUS für ultrasonic transmission

Ultraschallüberträger
DUS für ultrasonic transducers

Ultraschallübertragung
DUS für ultrasonic transmission

Ultraschallvariablenmessung
DUS für ultrasonic variables measurement

Ultraschallverbinden
DUS für ultrasonic bonding

Ultraschallverbindung
DUS für ultrasonic bonding

Ultraschallverbindungsverfahren
DUS für ultrasonic bonding

Ultraschallverzögerungsleitung
DUS für ultrasonic delay lines

Ultraschallverzögerungsspur
DUS für ultrasonic delay lines

Ultraschallvorrichtung
DUS für ultrasonic devices

Ultraschallwandler
DEU for ultrasonic transducers

Ultraschallwandler-Anordnung
DUS für ultrasonic transducer arrays

Ultraschallwandler-Array
DUS für acoustic transducer arrays

Ultraschallwandleranordnung
DUS für ultrasonic transducer arrays

Ultraschallwandlerarray
DUS für ultrasonic transducer arrays

Ultraschallwandlerfeld
DUS für ultrasonic transducer arrays

Ultraschallwelle
DEU for ultrasonic waves

Ultraschallwellenausbreitungscharakter istik
DUS für ultrasonic propagation

Ultraschallwelleninterferometrie
DUS für acoustic wave interferometry

Ultraschallwerkstoffprüfung
DUS für ultrasonic materials testing

Ultraschallwerkstofftest
DUS für ultrasonic materials testing

Ultraschallwirkung
DUS für ultrasonic effects

Ultraschallzerkleinerung
DUS für ultrasonic dispersion

Ultraschallzerstreuung
DUS für ultrasonic dispersion

ultrashort light pulse techniques
USE high-speed optical techniques

ultraslow novae
USE novae
\+ symbiotic stars

ultrasonic absorption
BT acoustic wave absorption
SY *ultrasonic attenuation*
RT ultrasonic transmission
DEU Ultraschall-Absorption
DSY Ultraschallabsorption

ultrasonic applications
BT acoustic applications
NT biomedical ultrasonics
ultrasonic bonding
ultrasonic cleaning
ultrasonic machining
ultrasonic materials testing
ultrasonic measurement
ultrasonic therapy
ultrasonic welding
RT brazing
ultrasonic effects
ultrasonics
DEU Anwendung von Ultraschall
DSY Einsatz von Ultraschall
Ultraschall-Anwendung
Ultraschallanwendung
Verwendung von Ultraschall

ultrasonic arrays
BT acoustic arrays
ultrasonic equipment
NT ultrasonic transducer arrays
PT acoustic arrays
DEU Ultraschallanordnung
DSY Ultraschallarray
Ultraschallfeld

ultrasonic attenuation
USE ultrasonic absorption

ultrasonic bonding
BT bonding processes
ultrasonic applications
PT ultrasonic applications
RT adhesive bonding
ultrasonic welding
DEU Schweißen mit Ultraschall
DSY Ultraschallbonden
Ultraschallbondieren
Ultraschallbondverfahren
Ultraschallfügen
Ultraschallfügeverfahren
Ultraschallkontaktieren
Ultraschallschweißen
Ultraschallverbinden
Ultraschallverbindung
Ultraschallverbindungsverfahren
Verbinden durch Ultraschall

ultrasonic bubble chambers
USE bubble chambers

ultrasonic cleaning
BT surface cleaning
ultrasonic applications
PT ultrasonic applications
RT printed circuit manufacture
ultrasonic machining
DEU Reinigen mit Ultraschall
DSY Ultraschall-Reinigung
Ultraschallreinigen
Ultraschallreinigung

ultrasonic delay lines
BT acoustic delay lines
ultrasonic devices
RT surface acoustic wave delay lines
DEU Ultraschallnachlaufspur
DSY Ultraschallverzögerungsleitung
Ultraschallverzögerungsspur

ultrasonic devices
BT acoustic devices
ultrasonic equipment
NT ultrasonic delay lines
ultrasonic motors
ultrasonic transducers
RT piezoelectric motors
ultrasonics
DEU Ultraschallbauelement
DSY Ultraschallgerät
Ultraschallprüfgerät
Ultraschallvorrichtung

ultrasonic diffraction
BT acoustic wave diffraction
RT ultrasonic focusing
ultrasonic propagation
DEU Ultraschallbeugung

ultrasonic dispersion
BT acoustic dispersion
RT ultrasonic propagation
ultrasonic velocity
DEU Dispersion von Ultraschall
DSY Ultraschall-Dispergierung
Ultraschall-Dispersion
Ultraschalldispersion
Ultraschallzerkleinerung
Ultraschallzerstreuung

ultrasonic effects
BT acoustic wave effects
RT thixotropy
ultrasonic applications
ultrasonic machining
DEU Ultraschalleffekt
DSY Ultraschallwirkung
Wirkung von Ultraschall

ultrasonic equipment
BT acoustic equipment
NT ultrasonic arrays
ultrasonic devices
RT ultrasonic measurement
ultrasonics
DEU Ultraschallausrüstung
DSY Ultraschallprüfgerät

ultrasonic focusing
BT acoustic focusing
PT focusing
RT ultrasonic diffraction
ultrasonic reflection
DEU Ultraschallfokussierung
DSY Ultraschall-Fokussierung
Ultraschall-Fokussierungstechnik

ultrasonic holography
USE acoustic holography
DEU Ultraschallholographie

ultrasonic imaging
BT acoustic imaging
UF *ultrasonic tomography / acoustic tomography* + *ultrasonic imaging*
PT acoustic imaging
RT acoustic holography
acoustic microscopes
biomedical ultrasonics
Doppler measurement
sonar imaging
ultrasonic measurement
DEU Ultraschallabbildung
DSY Ultraschallbilderzeugung
Ultraschallbildgebung

ultrasonic machining
BT machining
ultrasonic applications
PT machining
ultrasonic applications
RT cutting
grinding
ultrasonic cleaning
ultrasonic effects
DEU Ultraschall-Bearbeitung
DSY Ultraschallbearbeiten
Ultraschallbearbeitung

ultrasonic materials testing
BT nondestructive testing
ultrasonic applications
PT materials testing
nondestructive testing
ultrasonic applications
RT acoustic emission testing
flaw detection
ultrasonic measurement
DEU Ultraschall-Werkstoffprüfung
DSY Ultraschallmaterialprüfung
Ultraschallmaterialtest
Ultraschallwerkstoffprüfung
Ultraschallwerkstofftest

ultrasonic measurement
BT acoustic measurement
ultrasonic applications
PT ultrasonic measurements
RT biomedical ultrasonics
ultrasonic equipment
ultrasonic imaging
ultrasonic materials testing
ultrasonic variables measurement
DEU Messen mit Ultraschall
DSY Messung mit Ultraschall
Ultraschall-Messung
Ultraschallmessen
Ultraschallmessung

ultrasonic microscopes
USE acoustic microscopes

ultrasonic microscopy
USE acoustic microscopy

ultrasonic motors
BT piezoelectric motors
ultrasonic devices
PT piezoelectric motors

RT electrostatic motors
DEU piezoelektrischer Ultraschallmotor
DSY Ultraschall-Motor
Ultraschallmotor

ultrasonic propagation
BT acoustic wave propagation
SY *ultrasonic wave propagation*
RT ultrasonic diffraction
ultrasonic dispersion
ultrasonic reflection
ultrasonic refraction
ultrasonic relaxation
ultrasonic scattering
ultrasonic transmission
ultrasonic waves
underwater acoustic propagation
DEU Ultraschallausbreitung
DSY Ausbreitung von Ultraschall
Breitband-Ultraschallausbreitungssystem
Ultraschall-Ausbreitungseigenschaften
Ultraschallausbreitungs-Code
Ultraschallausbreitungsgeschwindigkeit
Ultraschallfortpflanzung
Ultraschalllaufzeit
Ultraschallwellenausbreitungscharakteristik

ultrasonic radiation
USE ultrasonic waves

ultrasonic reflection
BT acoustic wave reflection
SY *reflection technique (ultrasonic)*
RT ultrasonic focusing
ultrasonic propagation
DEU Reflexionsverfahren (Ultraschall)
DSY Ultraschallreflexion

ultrasonic refraction
BT acoustic wave refraction
RT acoustic metamaterials
ultrasonic propagation
DEU Ultraschall-Brechung
DSY Ultraschallbrechung

ultrasonic relaxation
BT relaxation
PT ultrasonic propagation
RT ultrasonic propagation
DEU Ultraschallrelaxation

ultrasonic scattering
BT acoustic wave scattering
RT ultrasonic propagation
DEU Streuung von Ultraschall
DSY Ultraschallstreuung

ultrasonic therapy
BT bioacoustics
patient treatment
ultrasonic applications
RT hyperthermia
DEU therapeutischer Ultraschall
DSY Ultraschallbehandlung
Ultraschalltherapie

ultrasonic tomography
USE acoustic tomography
\+ ultrasonic imaging
DEU Ultraschalltomographie

ultrasonic transducer arrays
BT acoustic transducer arrays
ultrasonic arrays
ultrasonic transducers
PT acoustic arrays
ultrasonic transducers
DEU Ultraschallarraywandler
DSY Ultraschallgruppenstrahler
Ultraschallgruppenstrahleranordnung
Ultraschallgruppenwandler
Ultraschallwandler-Anordnung
Ultraschallwandleranordnung
Ultraschallwandlerarray
Ultraschallwandlerfeld

ultrasonic transducers
BT acoustic transducers
ultrasonic devices
NT ultrasonic transducer arrays
RT acoustic microwave devices
biomedical transducers
interdigital transducers
piezoelectric devices
piezoelectric transducers
surface acoustic wave sensors
surface acoustic wave transducers
underwater sound
DEU Ultraschallwandler
DSY Ultraschall-Aufnehmer
Ultraschall-Transducer
Ultraschall-Übertrager
Ultraschall-Wandler
Ultraschall-Wandlersystem
Ultraschallaufnehmer
Ultraschallleistungswandler
Ultraschallprüfkopf
Ultraschallschwinger

Ultraschallüberträger

ultrasonic transmission
BT acoustic wave transmission
RT ultrasonic absorption
ultrasonic propagation
DEU Transmissionsverfahren (Ultraschall)
DSY Ultraschall-Durchgang
Ultraschall-Transmission
Ultraschall-Übertragung
Ultraschalldurchlässigkeit
Ultraschalltransmission
Ultraschallübertragung

ultrasonic variables measurement
BT acoustic variables measurement
NT ultrasonic velocity measurement
PT ultrasonic measurement
RT ultrasonic measurement
DEU Messen von Ultraschallgrößen
DSY Messen von Ultraschallvariablen
Ultraschallgrößenmessung
Ultraschallvariablenmessung

ultrasonic velocity
BT acoustic wave velocity
RT ultrasonic dispersion
ultrasonic velocity measurement
DEU Ultraschall-Geschwindigkeit
DSY Ultraschallgeschwindigkeit

ultrasonic velocity measurement
BT acoustic wave velocity measurement
ultrasonic variables measurement
RT ultrasonic velocity
DEU Messen der Ultraschallgeschwindigkeit
DSY Messung der Ultraschallgeschwindigkeit
Ultraschall-Geschwindigkeitsmessung
Ultraschallgeschwindigkeitsmessung

ultrasonic wave propagation
USE ultrasonic propagation

ultrasonic waves
BT acoustic waves
SY *ultrasonic radiation*
PT acoustic waves
ultrasonics
RT ultrasonic propagation
ultrasonics
DEU Ultraschallwelle

ultrasonic welding
BT ultrasonic applications
welding
PT ultrasonic applications
welding
RT ultrasonic bonding
DEU Ultraschallschweißen
DSY Ultraschallschweißgerät
Ultraschallschweißtechnik

ultrasonics
BT acoustics
SY *hypersound*
RT acousto-optical effects
ultrasonic applications
ultrasonic devices
ultrasonic equipment
ultrasonic waves
DEU Ultraschall
DSY Ultraschalltechnik

ultrasonography
USE biomedical ultrasonics

ultraviolet astronomical observations
USE ultraviolet astronomy
\+ ultraviolet sources (astronomical)

ultraviolet astronomy
BT astronomy
UF *ultraviolet astronomical observations / ultraviolet astronomy + ultraviolet sources (astronomical)*
SY *UV astronomy*
PT astronomy and astrophysics
RT astronomical spectra
astronomical surveys
ultraviolet sources (astronomical)
DEU Ultraviolettastronomie

ultraviolet communication
USE optical communication

ultraviolet detectors
BT sensors
UF *superconducting ultraviolet detectors / superconducting photodetectors + ultraviolet detectors*
SY *UV detectors*
RT photodetectors
photometers
superconducting photodetectors
DEU Ultraviolettdetektor
DSY Ultraviolettsuchgerät

ultraviolet lithography
BT photolithography
NT LIGA
SY *deep-UV lithography*
EUV lithography
i-line lithography
UV lithography
PT photolithography
RT immersion lithography
integrated circuit technology
nanolithography
photoresists
X-ray lithography
DEU Ultraviolett-Lithografie
DSY Ultraviolett-Lithographie
Ultraviolettlithografie
UV-Lithografie
UV-Lithographie

ultraviolet photoelectron spectra
BT photoelectron spectra
SY *UPS (spectra)*
UV photoelectron spectra
PT photoelectron spectra
DEU ultraviolettes Fotoelektronenspektrum
DSY ultraviolettes Photoelektronenspektrum
Ultraviolettfotoelektronenspektrum
Ultraviolettphotoelektronenspektrum
UV-Fotoelektronenspektrum
UV-Photoelektronenspektrum

ultraviolet radiation effects
BT radiation effects
NT biological effects of ultraviolet radiation
SY *UV radiation effects*
PT radiation effects
RT laser beam effects
X-ray effects
DEU Ultraviolettstrahlenwirkung
DSY Ultraviolettstrahlungswirkung
UV-Strahlenwirkung

ultraviolet radiation effects, biological
USE biological effects of ultraviolet radiation

ultraviolet radiometry
USE photometry

ultraviolet sources
BT light sources
SY *UV sources*
PT light sources
RT lamps
lasers
ozone generators
spectroscopic light sources
DEU Ultraviolettquelle

ultraviolet sources (astronomical)
SY *cosmic ultraviolet sources*
UF *Gyulbudagian-Glushkov-Denisyuk objects / nebulae + pre-main-sequence stars + ultraviolet sources (astronomical)*
UF *Gyulbudagian-Magakian objects / nebulae + pre-main-sequence stars + ultraviolet sources (astronomical)*
UF *LUV stars / binary stars + ultraviolet sources (astronomical)*
UF *spectroscopically segregated binary stars / binary stars + ultraviolet sources (astronomical)*
UF *ultraviolet astronomical observations / ultraviolet astronomy + ultraviolet sources (astronomical)*
PT ultraviolet astronomy
RT ultraviolet astronomy
white dwarfs
DEU astronomische Ultraviolettquelle
DSY astronomische Ultraviolettstrahlenquelle
Ultraviolettquelle (astronomisch)

ultraviolet spectra
BT spectra (general)
UF *optical spectra / infrared spectra + ultraviolet spectra + visible spectra*
SY *UV spectra*
PT spectra
RT ultraviolet spectroscopy
DEU Ultraviolettspektrum

ultraviolet spectrometers
BT spectrometers
UF *optical spectrometers / infrared spectrometers + ultraviolet spectrometers + visible spectrometers*
PT spectrometers
ultraviolet spectroscopy
RT ultraviolet spectroscopy
DEU Ultraviolett-Spektrometer
DSY Ultraviolettspektrometer

ultraviolet spectroscopy
BT spectroscopy
UF *optical spectroscopy / infrared spectroscopy + ultraviolet spectroscopy + visible*

spectroscopy
SY *UV spectroscopy*
PT spectroscopy
RT ultraviolet spectra
ultraviolet spectrometers
DEU Ultraviolett-Spektrometrie
DSY Ultraviolett-Spektroskopie
Ultraviolettspektrometrie
Ultraviolettspektroskopie

Ultraviolett-Lithografie
DEU for ultraviolet lithography

Ultraviolett-Lithographie
DUS für ultraviolet lithography

Ultraviolett-Spektrometer
DEU for ultraviolet spectrometers

Ultraviolett-Spektrometrie
DEU for ultraviolet spectroscopy

Ultraviolett-Spektroskopie
DUS für ultraviolet spectroscopy

Ultraviolettastronomie
DEU for ultraviolet astronomy

Ultraviolettdetektor
DEU for ultraviolet detectors

ultraviolettes Fotoelektronenspektrum
DEU for ultraviolet photoelectron spectra

ultraviolettes Photoelektronenspektrum
DUS für ultraviolet photoelectron spectra

Ultraviolettfotoelektronenspektrum
DUS für ultraviolet photoelectron spectra

Ultraviolettlithografie
DUS für ultraviolet lithography

Ultraviolettlithographie
DEU for ultraviolet lithography

Ultraviolettphotoelektronenspektrum
DUS für ultraviolet photoelectron spectra

Ultraviolettquelle
DEU for ultraviolet sources

Ultraviolettquelle (astronomisch)
DUS für ultraviolet sources (astronomical)

Ultraviolettspektrometer
DUS für ultraviolet spectrometers

Ultraviolettspektrometrie
DUS für ultraviolet spectroscopy

Ultraviolettspektroskopie
DUS für ultraviolet spectroscopy

Ultraviolettspektrum
DEU for ultraviolet spectra

Ultraviolettstrahlenwirkung
DEU for ultraviolet radiation effects

Ultraviolettstrahlungswirkung
DUS für ultraviolet radiation effects

Ultraviolettsuchgerät
DUS für ultraviolet detectors

ultrawideband antennas
USE ultra wideband antennas

ultrawideband communication
USE ultra wideband communication

ultrawideband radar
USE ultra wideband radar

ultrawideband technology
USE ultra wideband technology

umbrella antennas
USE reflector antennas

Umdrehung
DUS für rotation

Umdrehungsmessung
DEU for rotation measurement

Umformausrüstung
DUS für moulding equipment

Umformer
DUS für transformers

Umformer (Energietechnik)
DEU for power convertors

Umformisolation
DUS für transformer insulation

Umformung Feststoff-Dampf
DUS für solid-vapour transformations

Umformung Feststoff-Gas
DUS für solid-vapour transformations

Umgang mit Abfall
DUS für waste handling

Umgang mit Müll
DUS für waste handling

umgekehrte martensitische Umwandlung
DEU for reverse martensitic transformations

umgekehrter Pinch-Effekt
DUS für reversed field pinch

Umhüllung optischer Fasern
DUS für optical fibre cladding

Umkehrfeldpinchentladung
DUS für reversed field pinch

Umkehrosmose
DEU for reverse osmosis

Umkehrprozess
DEU for umklapp process

Umkehrschicht
DUS für inversion layers

umklapp process
PT electron-phonon interactions
lattice dynamics
RT electron-phonon interactions
phonon-phonon interactions
DEU Umkehrprozess
DSY Umklappprozess

Umklappprozess
DUS für umklapp process

UML
USE Unified Modeling Language

UML (allgemeine Modellierungsprache)
DEU for Unified Modeling Language

UML (Unified Modeling Language)
DUS für Unified Modeling Language

UML (Vereinheitlichte Modellierungsprache)
DUS für Unified Modeling Language

Ummagnetisierung
DEU for magnetisation reversal

Umrechnungskurs
DUS für parity

Umreifen
DEU for strapping

Umrichter
DUS für invertors

Umschaltung
DUS für switching

Umspanner
DUS für transformers

Umspannschaltstation
DEU for switching substations

Umspannstation
DEU for substations

Umspannstationenautomatisierung
DUS für substation automation

Umspannstationsisolierung
DEU for substation insulation

Umspannwerk
DUS für rectifier substations
transformer substations

Umspannwerkschutz
DEU for substation protection

UMTS
USE 3G mobile communication

UMTS-Netz
DUS für 3G mobile communication
4G mobile communication

UMTS-Technologie
DUS für 3G mobile communication
4G mobile communication

Umwandlungshärten
DUS für transformation toughening

Umwandlungswärme
DEU for heat of transformation

Umweltbeobachtung (Geophysik)
DEU for environmental monitoring (geophysics)

Umweltfaktor
DEU for environmental factors

umweltförderliche Computeranwendung
DEU for green computing

umweltförderliche Rechneranwendung
DUS für green computing

umweltfreundliche Konstruktion
DEU for design for environment

umweltgerechte Konstruktion
DUS für design for environment

umweltgerechter Abbau
DEU for environmental degradation

Umweltgesetzgebung
DEU for environmental legislation

Umweltmanagement
DEU for environmental management

Umweltökonomie
DEU for environmental economics

Umweltprüfung
DEU for environmental testing

Umweltschutzrecht
DUS für conservation laws

Umwelttechnik
DEU for environmental engineering

umweltwissenschaftliche Computeranwendung
DUS für environmental science computing

umweltwissenschaftliche Rechneranwendung
DUS für environmental science computing

unabhängige Komponentenanalyse
DEU for independent component analysis

unbestimmtes System
DEU for uncertain systems

uncertain systems
NT fuzzy systems
grey systems
RT active disturbance rejection control
control systems
feedback
fuzzy set theory
linear matrix inequalities
linear systems
possibility theory
robust control
rough set theory
stability
uncertainty handling
DEU unbestimmtes System
DSY unsicheres System

uncertainty handling
BT artificial intelligence
UF *approximate reasoning / inference mechanisms + uncertainty handling*
UF *Dempster-Shafer theory / inference mechanisms + uncertainty handling*
UF *probabilistic reasoning / inference mechanisms + uncertainty handling*
UF *soft computing / fuzzy logic + neural nets + uncertainty handling*
PT artificial intelligence
RT belief networks
fuzzy reasoning
fuzzy set theory
inference mechanisms
uncertain systems
DEU Unsicherheitenbehandlung

uncertainty principle
USE indeterminancy

uncommitted logic arrays
USE logic arrays

undercooling
BT cooling
SY *subcooling*
RT solidification
supercooling
DEU Unterkühlung

undercooling (reactor accidents)
USE fission reactor accidents

undergraduate education
USE further education

underground cables
BT cables (electric)
underground equipment
PT cables (electric)
RT cable laying
power cables
underground distribution systems
underground residential

distribution systems
underground transmission systems
DEU Erdkabel

underground communication
BT telecommunication
RT tunnels
DEU unterirdische Kommunikation

underground distribution systems
BT distribution networks
NT underground residential distribution systems
PT distribution networks
RT underground cables
underground transmission systems
DEU unterirdisches Verteilungssystem

underground equipment
NT underground cables
RT excavators
mining equipment
oil technology
pipelines
railway engineering
DEU Untergrundausrüstung

underground power transmission systems
USE underground transmission systems

underground residential distribution systems
BT underground distribution systems
PT distribution networks
RT underground cables
DEU unterirdisches Versorgungssystem
DSY unterirdisches Wohngebietsverteilungssystem

underground transmission systems
BT transmission networks
SY *underground power transmission systems*
PT transmission networks
RT underground cables
underground distribution systems
DEU unterirdisches Übertragungssystem

underwater acoustic communication
BT marine communication
NT underwater acoustic telemetry
PT underwater sound
RT marine telemetry
mobile communication
underwater acoustic propagation
underwater sound
DEU Unterwasserschallkommunikation

underwater acoustic propagation
BT acoustic wave propagation
underwater sound
PT acoustic wave propagation
underwater sound
RT sonar
ultrasonic propagation
underwater acoustic communication
underwater acoustic telemetry
DEU Unterwasserklangausbreitung
DSY Unterwasserschallausbreitung
Unterwassertonausbreitung

underwater acoustic telemetry
BT marine telemetry
underwater acoustic communication
PT telemetry
underwater sound
RT mobile communication
underwater acoustic propagation
underwater sound
DEU Unterwasserschallfernmessung

underwater acoustics
USE underwater sound

underwater cables
USE submarine cables

underwater equipment
NT submarine cables
UF *diving equipment / compressed air systems + underwater equipment*
UF *scuba equipment / compressed air systems + underwater equipment*
RT marine systems
oceanographic equipment
underwater sound
underwater vehicles
DEU Unterwasserausrüstung

underwater light propagation
USE underwater optics

underwater optical wireless communication
BT marine communication
optical communication
PT marine communication
optical communication

RT marine telemetry
optical links
optical modulation
underwater optics
DEU optische drahtlose Unterwasserkommunikation

underwater optics
BT oceanography
UF *ocean optics / oceanography + underwater optics*
SY *underwater light propagation*
PT oceanography
RT seawater
underwater optical wireless communication
DEU Unterwasseroptik

underwater sound
BT acoustics
NT underwater acoustic propagation
SY *hydroacoustics*
underwater acoustics
PT acoustics
RT acoustic arrays
acoustic wave propagation
acoustic waveguides
hydrophones
navigation
nonlinear acoustics
oceanography
sonar
sonar arrays
sonar detection
ultrasonic transducers
underwater acoustic communication
underwater acoustic telemetry
underwater equipment
DEU Unterwasserklang
DSY Unterwasserschall
Unterwasserschallwellen
Unterwasserton

underwater vehicles
BT marine vehicles
NT autonomous underwater vehicles
SY *submarines*
submersibles
PT marine systems
RT marine navigation
marine propulsion
mobile robots
remotely operated vehicles
sonar detection
underwater equipment
DEU Unterwasserfahrzeug

Undeterminiertheit
DEU for indeterminancy

undulator radiation
BT electromagnetic waves
PT electromagnetic waves
RT cyclotron radiation
free electron lasers
light sources
microwave generation
synchrotron radiation
DEU Wellenstrahl
DSY Wellenstrahlung

undulators
USE wigglers

Undurchsichtigkeit
DEU for opacity

unelastische Entspannung
DUS für anelastic relaxation

unelastische Relaxation
DUS für anelastic relaxation

Unelastizität
DUS für anelasticity

Unempfindlichkeitsprüfung
DUS für immunity testing

Unempfindlichkeitstest
DUS für immunity testing

unemployment
BT employment
RT economic indicators
termination of employment
DEU Arbeitslosigkeit
DSY Beschäftigungslosigkeit

unendlicher Horizont
DEU for infinite horizon

unerwünschtes E-Mail
DUS für unsolicited e-mail

Unfall
DEU for accidents

Unfall zur See
DUS für marine accidents

Unfallschutz
DUS für occupational safety

Unfallverhütung
DEU for accident prevention

Unfallvorbeugung
DUS für accident prevention

Unglück
DUS für accidents
disasters

Unglück auf See
DUS für marine accidents

Unglücksfall
DUS für disasters

unharmonischer Gittermodus
DUS für anharmonic lattice modes

unidirectional solidification
USE directional solidification

unified field theories
NT Einstein-Maxwell equations
Kaluza-Klein theory
neutrino oscillations
neutron oscillations
supergravity
superstrings
unified gauge models
SY *field theories, unified*
RT double beta decay
dyons
elementary particle interactions
gravitation
Higgs model
magnetic monopoles
neutrino mass
proton decay
quantum field theory
SO(10) groups
sparticles
string theory
SU(5) theory
SU(7) theory
SU(8) theory
supersymmetric field theory
DEU einheitliche Feldtheorie
DSY verallgemeinerte Feldtheorie

unified gauge models
BT gauge field theory
unified field theories
NT electroweak theories
grand unified theory
models beyond standard model
standard model
technicolour model
Weinberg model
PT gauge field theory
unified field theories
RT elementary particle interaction models
M-theory
supergravity
DEU einheitliches Eichmodell
DSY vereinheitlichtes Eichmodell

Unified Modeling Language
BT specification languages
NT SysML
SY *UML*
PT specification languages
RT object-oriented programming
DEU UML (allgemeine Modellierungsprache)
DSY UML (Unified Modeling Language)
UML (Vereinheitlichte Modellierungsprache)

uniform electron gas (UEG)
USE jellium

uniform geometrical theory of diffraction
USE geometrical theory of diffraction

uniform GTD
USE geometrical theory of diffraction

unijunction transistors
BT negative resistance devices
transistors
PT transistors
RT bipolar transistors
DEU Unijunction-Transistor

Unijunction-Transistor
DEU for unijunction transistors

uninterruptible power supplies
BT emergency power supply
power supplies to apparatus
SY *UPS, power supplies*
PT emergency power supply
RT power electronics
power supply circuits
power supply quality
protection
DEU unterbrechungsfreie Stromversorgung

Unisys computers
BT digital computers
SY *Sperry computers*
PT Sperry computers
RT mainframes

microcomputers
minicomputers
DEU Unisys-Computer
DSY Unisys-Rechner

Unisys-Computer
DEU for Unisys computers

Unisys-Rechner
DUS für Unisys computers

unit commitment
USE power generation dispatch
\+ power generation scheduling

unitäre Symmetrie
DUS für unitary symmetry

unitary symmetry
BT elementary particle symmetry
PT elementary particle symmetry
DEU einheitliche Symmetrie
DSY unitäre Symmetrie

units (measurement)
SY *measurement units*
RT constants
dimensions
measurement
nomenclature
standards
DEU Einheit (Messung)

universal asynchronous receiver/transmitter
USE computer interfaces
\+ data communication equipment

universal joints
BT machine components
RT couplings
engines
power transmission (mechanical)
shafts
DEU Universalgelenk

Universal Mobile Telecommunication System
USE 3G mobile communication

Universalgelenk
DEU for universal joints

Universalrechner
DUS für general purpose computers

Universe
USE cosmology

universelle Datenverarbeitungsanlage
DUS für general purpose computers

Universitäts- und Landesbibliothek
DUS für academic libraries

Universitätsbibliothek
DUS für academic libraries

universities
USE educational institutions

university libraries
USE academic libraries
\+ research libraries

university-industry collaboration
USE educational institutions
\+ organisational aspects
\+ research initiatives

Unix
BT operating systems (computers)
NT iOS (operating system)
Linux
SY *AIX*
POSIX
XENIX
PT operating systems (computers)
RT C language
programming environments
DEU Unix (Betriebssystem)

Unix (Betriebssystem)
DEU for Unix

unloading
BT materials handling
RT containerisation
fork lift trucks
freight handling
loading
DEU Güterentladung

Unlöslichkeit
DEU for insolubility

unmanned aerial vehicles
USE autonomous aerial vehicles

unmanned vehicles
USE remotely operated vehicles

Unreinheit
DUS für impurities

unscented Kalman filters
USE Kalman filters
\+ nonlinear filters

unshielded twisted pair cables
USE twisted pair cables

unsicheres System
DUS für uncertain systems

Unsicherheitenbehandlung
DEU for uncertainty handling

unsichtbare Umhüllung
DEU for invisibility cloaks

unsolicited e-mail
BT electronic mail
SY *junk e-mail*
UF *phishing / computer crime + unsolicited e-mail*
SY *spam (unsolicited e-mail)*
PT electronic mail
RT computer crime
DP management
e-mail filters
invasive software
legislation
office automation
social aspects of automation
DEU Spam-Mail
DSY unerwünschtes E-Mail
unsolides E-Mail

unsolides E-Mail
DUS für unsolicited e-mail

unsupervised learning
BT learning (artificial intelligence)
SY *competitive learning*
UF *learning by experimentation / heuristic programming + unsupervised learning*
SY *self learning*
PT learning systems
neural nets
RT formal concept analysis
neural nets
DEU nichtangeleitetes Lernen
DSY nichtgeführtes Lernen
selbständiges Lernen

Unterbrecher
DEU for interrupters

Unterbrechung (Software)
DUS für interrupts

unterbrechungsfreie Stromversorgung
DEU for uninterruptible power supplies

Unterdruck
DUS für pressure

Unterdrückung von Harmonischen
DUS für harmonics suppression

Unterdrückung von Oberwellen
DUS für harmonics suppression

Untergrenzenstruktur
DUS für subboundary structure

Untergrenzstruktur
DUS für subboundary structure

Untergrundausrüstung
DEU for underground equipment

Unterhaltungsindustrie
DEU for entertainment

unterirdische Kommunikation
DEU for underground communication

unterirdisches Übertragungssystem
DEU for underground transmission systems

unterirdisches Versorgungssystem
DEU for underground residential distribution systems

unterirdisches Verteilungssystem
DEU for underground distribution systems

unterirdisches Wohngebietsverteilungssystem
DUS für underground residential distribution systems

Unterkühlung
DEU for undercooling

Unternehmensfortbestand
DUS für business continuity

Unternehmensgründung
DEU for entrepreneurship

Unternehmenskundenwerbung
DUS für corporate acquisitions

Unternehmensmodellierung
DUS für corporate modelling

Unternehmensresourcenplanung
DUS für enterprise resource planning

Unterprogramm
DEU for subroutines

Unterricht
DUS für teaching

Unterrichtsverfahren
DUS für educational technology

Unterschallströmung
DEU for subsonic flow

Unterscheidung (chemische Analyse)
DUS für differentiation

Unterseekabel
DUS für submarine cables

Unterstation
DUS für substations

Unterstationsisolierung
DUS für substation insulation

unterstützte Lebensführung
DEU for assisted living

Unterstützung
DUS für promotion (marketing)

Untersuchung
DUS für testing

Untervertrag
DUS für subcontracting

Unterwasserausrüstung
DEU for underwater equipment

Unterwasserfahrzeug
DEU for underwater vehicles

Unterwasserklang
DEU for underwater sound

Unterwasserklangausbreitung
DEU for underwater acoustic propagation

Unterwassermikrofon
DUS für hydrophones

Unterwasseroptik
DEU for underwater optics

Unterwasserschall
DUS für underwater sound

Unterwasserschallausbreitung
DUS für underwater acoustic propagation

Unterwasserschallfernmessung
DEU for underwater acoustic telemetry

Unterwasserschallkommunikation
DEU for underwater acoustic communication

Unterwasserschallwellen
DUS für underwater sound

Unterwasserton
DUS für underwater sound

Unterwassertonausbreitung
DUS für underwater acoustic propagation

Unterwerkschaltstation (Elektrotechnik)
DUS für switching substations

Unterwerkschutz
DUS für substation protection

ununbium
USE copernicium

ununhexium
USE livermorium

ununnilium
USE darmstadtium

ununoctium
BT transactinides
SY *element 118*
Uuo (chemical element)
DEU Ununoctium

Ununoctium
DEU for ununoctium

ununpentium
BT transactinides
SY *element 115*
Uup (chemical element)
PT transactinides
DEU Ununpentium

Ununpentium
DEU for ununpentium

ununquadium
USE flerovium

ununseptium
BT transactinides
SY *element 117*
Uus (chemical element)
PT transactinides
DEU Ununseptium

Ununseptium
DEU for ununseptium

ununtrium
BT transactinides
SY *element 113*
Uut (chemical element)
PT transactinides
DEU Ununtrium

Ununtrium
DEU for ununtrium

unununium
USE roentgenium

unveränderliche mathematische Größe
DUS für invariance

unvollständiger Antwortkanal
DUS für partial response channels

upper atmosphere
BT terrestrial atmosphere
NT atmospheric elementary particle precipitation
atmospheric ion precipitation
aurora
exosphere
ionosphere
magnetosphere
mesosphere
sprites
thermosphere
SY *aeronomy*
atmosphere, upper
protonosphere
DEU obere Atmosphäre

UPS (spectra)
USE ultraviolet photoelectron spectra

UPS, power supplies
USE uninterruptible power supplies

Upsilon meson resonances
BT meson resonances
PT meson resonances
DEU Upsilon-Meson-Resonnanz

upsilon Sgr stars
USE eclipsing binary stars
\+ supergiant stars

Upsilon-Meson-Resonnanz
DEU for Upsilon meson resonances

Uran
DEU for uranium

uranium
BT actinides
SY *U (chemical element)*
RT fission of uranium
fission reactor fuel
uranium alloys
uranium compounds
DEU Uran

uranium alloys
BT actinide alloys
PT actinide alloys
RT uranium
uranium compounds
DEU Uranlegierung

uranium compounds
BT actinide compounds
RT fission reactor fuel
uranium
uranium alloys
DEU Uranverbindung

Uranlegierung
DEU for uranium alloys

Uranspaltung
DEU for fission of uranium

Uranus
BT planets
PT planets
DEU Uranus (Planet)

Uranus (Planet)
DEU for Uranus

Uranverbindung
DEU for uranium compounds

urban heat islands
USE atmospheric temperature
\+ thermal pollution

urban planning
USE town and country planning

Urheberrecht
DEU for copyright

Ursache-Wirkung
DUS für causality

Ursache-Wirkungs-Analyse
DEU for cause-effect analysis

usability testing
USE product design

Usenet
USE Internet

user centred design
BT design
systems analysis
PT systems analysis
RT DP management
DEU nutzerbezogene Gestaltung
DSY nutzerbezogener Entwurf
nutzerbezogenes Design
nutzerzentrierter Entwurf
nutzerzentriertes Desing
nutzerzentriertes Gestaltung

User Datagram Protocol
USE transport protocols

user friendliness
USE human computer interaction

user interface development systems
USE user interface management systems

user interface management systems
BT software tools
user interfaces
SY *UIMS*
user interface development systems
PT user interfaces
DEU Nutzerschnittstellenmanagement
DSY Nutzerschnittstellenmanagementsystem
Nutzerschnittstellenverwaltungssystem

user interfaces
NT audio user interfaces
brain-computer interfaces
gesture recognition
graphical user interfaces
haptic interfaces
natural language interfaces
speech-based user interfaces
user interface management systems
user modelling
SY *man machine interfaces*
menus
UF *windowing / integrated software* + *multiprogramming* + *user interfaces*
SY *windows (computers)*
PT human factors
interactive systems
man-machine systems
RT ambient intelligence
application generators
auditory displays
data visualisation
gaze tracking
help systems
human computer interaction
human factors
interactive devices
interactive programming
interactive systems
man-machine systems
natural languages
online front-ends
task analysis
touch sensitive screens
virtual reality
Web design
DEU Nutzerinterface
DSY Nutzerschnittstelle

user manuals
SY *manuals, user*
PT program and system documentation
RT computer evaluation
computer selection
help systems
system documentation
DEU Benutzerhandbuch

user modelling
BT user interfaces
SY *student modelling*
PT user interfaces
RT explanation
knowledge engineering
DEU Nutzermodellierung

user ports
USE computer interfaces

user support
USE technical support services

utility programs
BT systems software
NT application program interfaces
help systems
SY *service programs*
DEU Dienstprogramm
DSY Hilfsprogramm (DV)

utility theory
BT decision theory
RT supply and demand
DEU Bedientheorie

UTP cables
USE twisted pair cables

UTS
USE tensile strength

UU Her stars
USE supergiant stars
\+ variable stars

Uub
USE copernicium

Uuh (chemical element)
USE livermorium
DEU Uuh (chemisches Element)

Uuh (chemisches Element)
DEU for Uuh (chemical element)

Uuo (chemical element)
USE ununoctium
DEU Uuo (chemisches Element)

Uuo (chemisches Element)
DEU for Uuo (chemical element)

Uup (chemical element)
USE ununpentium
DEU Uup (chemisches Element)

Uup (chemisches Element)
DEU for Uup (chemical element)

Uuq (chemical element)
USE flerovium
DEU Uuq (chemisches Element)

Uuq (chemisches Element)
DEU for Uuq (chemical element)

Uus (chemical element)
USE ununseptium
DEU uus (chemisches Element)

uus (chemisches Element)
DEU for Uus (chemical element)

Uut (chemical element)
USE ununtrium
DEU Uut (chemisches Element)

Uut (chemisches Element)
DEU for Uut (chemical element)

UV astronomy
USE ultraviolet astronomy

UV Cet stars
USE flare stars

UV detectors
USE ultraviolet detectors

UV lithography
USE ultraviolet lithography

UV Per stars
USE dwarf novae

UV photoelectron spectra
USE ultraviolet photoelectron spectra

UV radiation effects
USE ultraviolet radiation effects

UV sources
USE ultraviolet sources

UV spectra
USE ultraviolet spectra

UV spectroscopy
USE ultraviolet spectroscopy

UV-Fotoelektronenspektrum
DUS für ultraviolet photoelectron spectra

UV-Lithografie
DUS für ultraviolet lithography

UV-Lithographie
DUS für ultraviolet lithography

UV-Photoelektronenspektrum
DUS für ultraviolet photoelectron spectra

UV-Strahlenwirkung
DUS für ultraviolet radiation effects

UWB antennas
USE ultra wideband antennas

UWB communication
USE ultra wideband communication

UWB radar
USE ultra wideband radar

UWB technology
USE ultra wideband technology

UX UMa stars
USE cataclysmic binary stars
+ eclipsing binary stars
+ white dwarfs

V (chemical element)
USE vanadium
DEU V (chemisches Element)

V (chemisches Element)
DEU for V (chemical element)

V-centers
USE V-centres

V-centres
BT colour centres
NT H-centres
SY *trapped hole centers*
trapped hole centres
V-centers
Vk-centres
PT colour centres
DEU V-Zentrum

V-Zentrum
DEU for V-centres

V.24 bus
USE peripheral interfaces

V/F converters
USE voltage-frequency convertors

V/F convertors
USE voltage-frequency convertors

V1016 Cyg stars
USE symbiotic stars

V411 Tau stars
USE variable stars
+ white dwarfs

V691 CrA stars
USE variable stars
+ X-ray binary stars

vacancies (crystal)
BT point defects
NT Frenkel defects
Schottky defects
SY *divacancies*
RT impurity-vacancy interactions
stoichiometry
vacancy condensation loops
vacancy-dislocation interactions
DEU Fehlstelle (Kristall)

vacancy condensation loops
BT dislocation loops
PT dislocations
RT dislocation sources
stacking faults
vacancies (crystal)
DEU Fehlstellenverdichtungsschleife

vacancy-dislocation interactions
BT dislocation interactions
SY *dislocation-vacancy interactions*
PT dislocations
vacancies (crystal)
RT vacancies (crystal)
DEU Fehlstellenverscheibungswechselw
irkung

vacancy-impurity interactions
USE impurity-vacancy interactions

vacuum (elementary particles)
SY *instanton vacuum*
QCD vacuum
quantum vacuum
UF *string vacuum / string theory + vacuum (elementary particles)*
UF *superstring vacuum / superstrings + vacuum (elementary particles)*
UF *vacuum energy / quantum field theory + vacuum (elementary*

particles)
RT Casimir effect
physics fundamentals
quantum chromodynamics
quantum field theory
string theory
DEU Vakuum (Elementarpartikel)
DSY Vakuum (Elementarteilchen)

vacuum apparatus
NT vacuum gauges
vacuum pumps
RT vacuum techniques
DEU Vakuumapparat
DSY Vakuumgerät

vacuum arcs
BT arcs (electric)
PT arcs (electric)
circuit-breaking arcs
RT circuit-breaking arcs
ion sources
vacuum breakdown
vacuum circuit breakers
vacuum insulation
DEU Vakuumlichtbogen

vacuum breakdown
BT electric breakdown
PT electric breakdown
RT discharges (electric)
electron field emission
vacuum arcs
vacuum insulation
DEU Vakuumzusammenbruch

vacuum casting
BT casting
PT casting
vacuum techniques
RT vacuum techniques
DEU Vakuumgießen
DSY Vakuumguss

vacuum circuit breakers
BT circuit breakers
vacuum switches
PT circuit breakers
vacuum insulation
RT vacuum arcs
vacuum interrupters
DEU Vakuumschaltkreisunterbrecher

vacuum contactors
BT contactors
vacuum switches
PT contactors
DEU Vakuumkontakt

vacuum control
BT pressure control
DEU Vakuumregelung

vacuum deposited coatings
BT vapour deposited coatings
SY *vacuum deposited thin films*
PT films
thin films
RT electron beam deposition
vacuum deposition
DEU Vakuumabscheidung

vacuum deposited thin films
USE vacuum deposited coatings

vacuum deposition
BT vapour deposition
SY *evaporation (film deposition)*
PT vapour deposition
RT electron beam deposition
ion beam assisted deposition
vacuum deposited coatings
DEU Vakuumbedampfen

vacuum energy
USE quantum field theory
\+ vacuum (elementary particles)

vacuum fluorescent displays
USE display devices

vacuum gauges
BT gauges
vacuum apparatus
NT ionisation gauges
SY *molecular drag gauges*
RT manometers
pressure measurement
vacuum measurement
DEU Vakuummeter

vacuum insulation
BT insulation
NT vacuum switches
PT insulation
RT discharges (electric)
electric breakdown
electric strength
flashover
switchgear
vacuum arcs
vacuum breakdown
DEU Vakuumisolation

vacuum interrupters
BT interrupters
vacuum switches
PT circuit breakers
vacuum insulation
RT vacuum circuit breakers
DEU Vakuumunterbrecher

vacuum measurement
BT pressure measurement
RT vacuum gauges
vacuum techniques
DEU Vakuummessung

vacuum microelectronics
NT electron bombarded
semiconductor devices
field emission displays
field emitter arrays
UF *field emission cathodes /*
cathodes + electron field emission
+ vacuum microelectronics
SY *integrated vacuum devices*
RT cathodes
electron field emission
nanotube devices
semiconductor technology
vacuum tubes
DEU Vakuummikroelektronik

vacuum polarisation
USE quantum electrodynamics

vacuum pumps
BT pumps
vacuum apparatus
NT cryopumping
diffusion pumps
ion pumps
RT compressors
DEU Vakuumpumpe

vacuum sintering
USE sintering

vacuum switches
BT switches
switchgear
vacuum insulation
NT vacuum circuit breakers
vacuum contactors
vacuum interrupters
PT switchgear
vacuum insulation
RT pulsed power switches
DEU Vakuumschalter
DSY Vakuumschütz

vacuum techniques
NT cryopumping
outgassing
RT electron tubes
getters
glass-metal seals
leak detection
sample holders
seals (stoppers)
vacuum apparatus
vacuum casting
vacuum measurement
DEU Vakuummethode
DSY Vakuumtechnik
Vakuumtechnologie

vacuum tubes
BT electron tubes
NT gyrotrons
klystrons
tetrodes
triodes
PT electron tubes
RT diodes
thermionic tubes
vacuum microelectronics
DEU Vakuumröhre

Vakuum (Elementarpartikel)
DEU for vacuum (elementary particles)

Vakuum (Elementarteilchen)
DUS für vacuum (elementary particles)

Vakuumabscheidung
DEU for vacuum deposited coatings

Vakuumapparat
DEU for vacuum apparatus

Vakuumbedampfen
DEU for vacuum deposition

Vakuumgerät
DUS für vacuum apparatus

Vakuumgießen
DEU for vacuum casting

Vakuumguss
DUS für vacuum casting

Vakuumheißpressen
DUS für pressing

Vakuumisolation
DEU for vacuum insulation

Vakuumkontakt
DEU for vacuum contactors

Vakuumlichtbogen
DEU for vacuum arcs

Vakuummessung
DEU for vacuum measurement

Vakuummeter
DEU for vacuum gauges

Vakuummethode
DEU for vacuum techniques

Vakuummikroelektronik
DEU for vacuum microelectronics

Vakuumpressen
DUS für pressing

Vakuumpumpe
DEU for vacuum pumps

Vakuumregelung
DEU for vacuum control

Vakuumröhre
DEU for vacuum tubes

Vakuumschalter
DEU for vacuum switches

Vakuumschaltkreisunterbrecher
DEU for vacuum circuit breakers

Vakuumschütz
DUS für vacuum switches

Vakuumtechnik
DUS für vacuum techniques

Vakuumtechnologie
DUS für vacuum techniques

Vakuumunterbrecher
DEU for vacuum interrupters

Vakuumzusammenbruch
DEU for vacuum breakdown

valence bands
BT band structure
PT band structure
RT core levels
DEU Valenzband

valence bond calculations
USE VB calculations

valence fluctuations
USE mixed valence compounds

valency
RT mixed valence compounds
physical chemistry
stoichiometry
DEU Valenz

Valenz
DEU for valency

Valenzband
DEU for valence bands

valuation
USE cost accounting

value added networks
USE telecommunication networks

value analysis
USE value engineering

value engineering
BT engineering
SY *value analysis*
RT life cycle costing
operations research
optimisation
product life cycle management
quality control
systems analysis
DEU Werterhöhung

valve regulated lead acid batteries
USE lead acid batteries

valves
BT control equipment
machine components
NT microvalves
RT actuators
diaphragms
engines
manifolds
seals (stoppers)
DEU Klappe
DSY Ventil

valves (electronic)
USE electron tubes
DEU Elektronenröhre

Van Allen radiation belts
USE radiation belts

van de Graaff accelerators
BT electrostatic accelerators
NT tandem accelerators
PT linear accelerators
DEU van-de-Graaff-Beschleuniger

van de Graaff generators
DEU van-de-Graaff-Generator

Van der Pol oscillators
USE relaxation oscillators

van der Waals forces
BT intermolecular forces
PT intermolecular mechanics
DEU van-der-Waals-Kraft

Van der Waals molecules
USE quasimolecules

van-de-Graaff-Beschleuniger
DEU for van de Graaff accelerators

van-de-Graaff-Generator
DEU for van de Graaff generators

van-der-Waals-Kraft
DEU for van der Waals forces

vanadium
BT transition metals
SY *V (chemical element)*
RT vanadium alloys
vanadium compounds
DEU Vanadium

vanadium alloys
BT transition metal alloys
PT vanadium compounds
RT vanadium
vanadium compounds
DEU Vanadiumlegierung

vanadium compounds
BT transition metal compounds
RT vanadium
vanadium alloys
DEU Vanadiumverbindung

Vanadiumlegierung
DEU for vanadium alloys

Vanadiumverbindung
DEU for vanadium compounds

Vanadium
DEU for vanadium

vanes
USE blades

VANET
USE vehicular ad hoc networks

VANs
USE telecommunication networks

vapor deposited coatings
USE vapour deposited coatings

vapor deposited thin films
USE vapour deposited coatings

vapor deposition
USE vapour deposition
DEU Aufdampfen

vapor phase epitaxial growth
USE vapour phase epitaxial growth

vapor pressure
USE vapour pressure

vapor pressure measurement
USE vapour pressure measurement

vapor-liquid transformations
USE liquid-vapour transformations

vapor-solid transformations
USE solid-vapour transformations

vaporisation
BT phase transformations
NT boiling
evaporation
sublimation
SY *vaporization*
volatilisation
volatilization
RT heat of vaporisation
DEU Verdampfung

vaporization
USE vaporisation

vapour density
USE density

vapour deposited coatings
BT coatings
NT CVD coatings
plasma deposited coatings
sputtered coatings
vacuum deposited coatings
SY *vapor deposited coatings*
vapor deposited thin films
vapour deposited thin films
PT films
thin films
RT electron beam deposition
ion plating
ionised cluster beam deposition
thin films
vapour deposition
DEU Aufdampfbeschichten
DSY Aufdampfschicht

vapour deposited thin films
USE vapour deposited coatings

vapour deposition
NT atomic layer deposition
chemical vapour deposition
crystal growth from vapour
electron beam deposition
ion beam assisted deposition
ion plating
ionised cluster beam deposition
laser deposition
plasma deposition
sputter deposition
vacuum deposition
UF *deposition techniques / coating techniques + liquid phase deposition + vapour deposition*
SY *vapor deposition*
PT coating techniques
RT coating techniques
substrates
thin films
vapour deposited coatings
DEU Gasphasenabscheidung

vapour phase epitaxial growth
BT crystal growth from vapour
epitaxial growth
NT atomic layer epitaxial growth
chemical beam epitaxial growth
molecular beam epitaxial growth
SY *hot wall epitaxial growth*
UF *MOVPE / MOCVD + vapour phase epitaxial growth*
UF *OMVPE / MOCVD + vapour phase epitaxial growth*
SY *vapor phase epitaxial growth*
VPE
PT crystal growth from vapour
epitaxial growth
RT MOCVD
plasma CVD
DEU Gasphasenepitaxialwachstum

vapour pressure
BT pressure
thermodynamic properties
SY *vapor pressure*
RT atmospheric humidity
boiling point
fugacity
humidity
vapour pressure measurement
DEU Dampfdruck (Mechanik)

vapour pressure measurement
BT pressure measurement
SY *vapor pressure measurement*
RT vapour pressure
DEU Dampfdruckmessung

vapour-liquid transformations
USE liquid-vapour transformations

vapour-solid transformations
USE solid-vapour transformations

varactors
BT capacitors
semiconductor diodes
SY *varicaps*
RT electrostatic generators
frequency multipliers
harmonic generation
parametric amplifiers
time-varying networks
DEU Varaktor

Varaktor
DEU for varactors

variable bit rate codes
USE variable rate codes

variable Coderate
DEU for variable rate codes

variable frequency drives
USE variable speed drives

variable length codes
BT codes
PT codes
encoding (general)
RT adaptive codes
data compression

decoding
discrete cosine transforms
entropy codes
Huffman codes
image coding
pulse code modulation
video signals
DEU Code variabler Länge

variable optical attenuators
USE optical attenuators

variable rate codes
BT codes
SY *variable bit rate codes*
UF *variable rate speech coding / speech coding + variable rate codes*
SY *VBR codes*
PT codes
encoding (general)
RT adaptive codes
block codes
data compression
decoding
image coding
pulse code modulation
speech coding
video signals
DEU variable Coderate

variable rate speech coding
USE speech coding
\+ variable rate codes

variable speed drives
BT electric drives
variable speed gear
SY *adjustable speed drives*
variable frequency drives
PT electric drives
variable speed gear
RT AC motor drives
AC motors
DC motor drives
DC motors
hysteresis motor drives
induction motor drives
induction motors
motor drives
reluctance motor drives
synchronous motor drives
synchronous motors
DEU Antrieb für variable Geschwindigkeit

variable speed gear
BT control equipment
gears
NT variable speed drives
UF *continuously variable transmission / power transmission (mechanical) + variable speed gear*
RT clutches
nonelectric final control devices
DEU Getriebe für variable Geschwindigkeit

variable stars
BT stars
NT cataclysmic binary stars
eclipsing binary stars
flare stars
pre-main-sequence stars
SY *28 CMa stars*
53 Per stars
AI Vel stars
UF *alpha Cam stars / supergiant stars + variable stars*
UF *alpha CVn stars / chemically peculiar stars + magnetic stars + variable stars*
UF *anomalous Cepheids / binary stars + variable stars*
SY *AQ Leo stars*
AU Peg stars
Be stars
beat Cepheids
Bep stars
beta Cep stars
beta CMa stars
BL Her stars
UF *Blazhko effect / stellar pulsations + variable stars*
SY *BQ[ ] stars*
UF *BY Dra stars / flare stars + variable stars*
UF *Ce stars / giant stars + variable stars*
SY *Cepheids*
classical Cepheids
UF *Co stars / chemically peculiar stars + variable stars*
UF *cobalt stars / chemically peculiar stars + variable stars*
UF *DAV stars / variable stars + white dwarfs*
UF *DB-type variables / variable stars + white dwarfs*
SY *delta Cep stars*
delta Sct stars
double mode Cepheids
UF *DOV stars / variable stars + white dwarfs*

variable

UF *DV stars / variable stars + white dwarfs*
SY *dwarf Cepheids*
UF *ellipsoidal variables / binary stars + variable stars*
SY *first overtone Cepheids*
UF *FK Com stars / giant stars + variable stars*
SY *gamma Cas stars*
UF *H-S variables / supergiant stars + variable stars*
UF *Hubble-Sandage variables / supergiant stars + variable stars*
UF *HZ Her stars / neutron stars + variable stars + X-ray binary stars*
UF *infrared Mira variables / OH-IR stars + variable stars*
UF *irregular variables / giant stars + variable stars*
UF *L-type variables / giant stars + variable stars*
UF *lambda And stars / binary stars + giant stars + variable stars*
UF *large amplitude red variables / giant stars + variable stars*
UF *Lb variables / giant stars + variable stars*
UF *Lc variables / supergiant stars + variable stars*
UF *long-period variables / giant stars + variable stars*
SY *loop Cepheids*
UF *low-harmonic pulsating CP2 stars / chemically peculiar stars + magnetic stars + variable stars*
SY *Maia sequence stars*
UF *Me variables / giant stars + variable stars*
UF *Mira variables / giant stars + variable stars*
UF *N Irr stars / giant stars + variable stars*
UF *Nr variables / cataclysmic binary stars + giant stars + symbiotic stars + variable stars*
UF *oblique pulsators / magnetic stars + variable stars*
UF *oblique rotators / magnetic stars + variable stars*
UF *omicron Cet stars / giant stars + variable stars*
UF *P Cyg stars / supergiant stars + variable stars*
UF *PG 1159-035 stars / variable stars + white dwarfs*
UF *post T Tau stars / dwarf stars + variable stars*
UF *pseudocepheids / supergiant stars + variable stars*
UF *pulsating DB white dwarfs / variable stars + white dwarfs*
UF *R CrB stars / supergiant stars + variable stars*
UF *rapidly oscillating Ap stars / chemically peculiar stars + magnetic stars + variable stars*
UF *recurrent novae / cataclysmic binary stars + giant stars + symbiotic stars + variable stars*
UF *reflection variables / binary stars + variable stars*
UF *rho Cas stars / supergiant stars + variable stars*
SY *RR Lyr stars*
RRab stars
RRc stars
RRs stars
UF *RS CVn stars / binary stars + variable stars*
UF *RV Tau stars / supergiant stars + variable stars*
UF *RW Cep stars / supergiant stars + variable stars*
UF *S Dor stars / supergiant stars + variable stars*
UF *Se stars / giant stars + variable stars*
UF *semi-regular variables / giant stars + variable stars*
UF *semiregular variables / giant stars + variable stars*
UF *slow irregular variables / giant stars + variable stars*
UF *solar-type variables / dwarf stars + variable stars*
UF *SR stars / giant stars + variable stars*
UF *SRab stars / giant stars + variable stars*
UF *SRc stars / supergiant stars + variable stars*
UF *SRd stars / supergiant stars + variable stars*
SY *stellar variables*
UF *SX Ari stars / chemically peculiar stars + magnetic stars + variable stars*
UF *SX Cen stars / supergiant stars + variable stars*
SY *SX Phe stars*
UF *SY For stars / binary stars + giant stars + infrared sources (astronomical) + variable stars*
SY *theta Vir stars*
triple mode Cepheids
Type II Cepheids

UF *U TrA stars*
ultra short period B stars
UF *UU Her stars / supergiant stars + variable stars*
UF *V411 Tau stars / variable stars + white dwarfs*
UF *V691 CrA stars / variable stars + X-ray binary stars*
UF *VX Sgr stars / supergiant stars + variable stars*
SY *W Vir stars*
UF *yellow semi-regular variables / supergiant stars + variable stars*
SY *young disk Cepheids*
zeta Oph stars
UF *ZZ Cet stars / variable stars + white dwarfs*
PT stars
RT OH-IR stars
DEU variabler Stern

variable structure systems
BT control systems
SY *sliding mode control*
PT multivariable control systems
RT multivariable systems
DEU strukturvariables System

variable-frequency oscillators
BT oscillators
NT swept-frequency oscillators
PT oscillators
RT phase locked oscillators
voltage-controlled oscillators
DEU frequenzveränderbarer Oszillator
DSY veränderbarer Oszillator

variabler Stern
DEU for variable stars

variational calculus
USE variational techniques

variational techniques
BT calculus
NT Rayleigh-Ritz methods
SY *variational calculus*
RT nonlinear differential equations
DEU Variationstechnik

Variationstechnik
DEU for variational techniques

varicaps
USE varactors

Varistor
DUS für varistors

varistors
BT resistors
semiconductor devices
DEU spannungsabhängiger Widerstand
DSY Varistor

varnish
BT chemical products
coatings
materials
RT insulating coatings
insulating materials
paints
pigments
DEU Firnis
DSY Lack
Politur
Tünche

Vavilov-Cherenkov radiation
USE Cherenkov radiation

VAX computers
USE DEC computers

VB calculations
BT energy states
SY *GVB calculations*
SCVC calculations
SVBS calculations
valence bond calculations
PT molecular orbitals calculations
DEU VB-Berechnung
DSY VB-Kalkulation

VB-Berechnung
DEU for VB calculations

VB-Kalkulation
DUS für VB calculations

VBR codes
USE variable rate codes

VCCS
USE active networks

VCO
USE voltage-controlled oscillators

VCR
USE video tape recorders

VCSEL
USE surface emitting lasers

VCSEL-Laser
DEU for surface emitting lasers

VCVS
USE active networks

VDM (elementary particle theory)
USE vector meson dominance model

VDM (software engineering)
USE Vienna development method

VDSL
USE digital subscriber lines

VDT
USE computer displays
\+ interactive terminals

VDU
USE computer displays

vector diagrams
USE vectors

vector meson dominance model
BT elementary particle interaction models
SY *VDM (elementary particle theory)*
PT elementary particle interaction models
RT tensor dominance model
DEU Vektor-Mesonen-Dominanz-Modell

vector mesons
USE meson resonances

vector processor systems
BT shared memory systems
PT multiprocessing systems
RT pipeline processing
DEU Vektorprozessorsystem

vector quantisation
BT data compression
encoding (general)
quantisation (signal)
PT data compression
encoding (general)
RT combined source-channel coding
entropy codes
image coding
speech coding
transform coding
DEU Vektorquantisierung

vectors
BT linear algebra
SY *spinors*
vector diagrams
RT diagrams
eigenvalues and eigenfunctions
network analysis
network synthesis
topology
DEU Vektor

vegetable oils
BT oils
RT biofuel
essential oils
food products
DEU Pflanzenöl

vegetables
USE agricultural products
\+ food products
DEU Gemüse

vegetation
NT crops
SY *foliage*
trees (vegetation)
RT botany
forestry
land cover
vegetation mapping
wetlands
wildfires
DEU Pflanze
DSY Vegetation

vegetation mapping
BT cartography
geophysical techniques
remote sensing
PT geophysical techniques
remote sensing by radar
remote sensing
RT agriculture
biological techniques
forestry
hyperspectral imaging
land cover
land use
remote sensing by radar
terrain mapping
vegetation
DEU Vegetationsabbildung
DSY Vegetationskarte

Vegetationsabbildung
DEU for vegetation mapping

Vegetationskarte
DUS für vegetation mapping

Vegetation
DUS für vegetation

vehicle crash testing
USE impact testing
\+ vehicle dynamics

vehicle dynamics
BT dynamics
vehicles
UF *vehicle crash testing / impact testing* + *vehicle dynamics*
RT entry, descent and landing (spacecraft)
off-road vehicles
road vehicles
robot dynamics
DEU Fahrzeugdynamik

vehicle electrics
USE automotive electrics

vehicle routing
BT transportation
vehicles
PT transportation
vehicles
RT goods distribution
graph theory
network theory (graphs)
optimisation
traffic control
traffic engineering computing
DEU Fahrzeugführung

vehicles
NT aircraft
automatic guided vehicles
bicycles
electric vehicles
fork lift trucks
hovercraft
marine vehicles
military vehicles
off-road vehicles
planetary rovers
railway rolling stock
remotely operated vehicles
road vehicles
space vehicles
tracked vehicles
vehicle dynamics
vehicle routing
UF *autonomous land vehicles / artificial intelligence* + *mobile robots* + *vehicles*
RT automotive electrics
drives
transportation
DEU Fahrzeug

vehicular ad hoc networks
BT mobile ad hoc networks
SY *VANET*
PT ad hoc networks
mobile radio
RT routing protocols
telecommunication network routing
telecommunication network topology
telecommunication security
DEU Ad-hoc-Fahrzeugnetz
DSY Ad-hoc-Fahrzeugnetzwerk

vein recognition
BT biometrics (access control)
image recognition
NT retinal recognition
SY *palm vein recognition*
PT biometrics (access control)
image recognition
RT blood vessels
feature extraction
palmprint recognition
DEU Vien-Erkennung

veins (medical)
USE blood vessels

Vektor
DEU for vectors

Vektor-Mesonen-Dominanz-Modell
DEU for vector meson dominance model

Vektorprozessorsystem
DEU for vector processor systems

Vektorquantisierung
DEU for vector quantisation

velocimeters
BT meters
NT laser velocimeters
SY *velocity meters*
PT velocity measurement
RT accelerometers
anemometers
flowmeters

velocity measurement
DEU Geschwindigkeitsmesser

velocity
NT acoustic wave velocity
angular velocity
light velocity
SY *speed*
RT Doppler effect
velocity control
velocity measurement
DEU Geschwindigkeit

velocity control
BT mechanical variables control
NT angular velocity control
SY *speed control*
RT acceleration control
braking
machine control
machine vector control
motion control
sensorless machine control
velocity
velocity measurement
DEU Geschwindigkeitsregelung

velocity measurement
BT measurement
NT acoustic wave velocity measurement
angular velocity measurement
light velocity measurement
SY *speed measurement*
RT accelerometers
anemometers
anemometry
flowmeters
laser velocimetry
motion measurement
particle velocity analysis
radio tracking
road vehicle radar
stroboscopes
velocimeters
velocity
velocity control
DEU Geschwindigkeitsmessung

velocity meters
USE velocimeters

velocity-modulation tubes
DEU Geschwindigkeits-Modulations-Röhre

vending machines
BT coin operated equipment
PT materials handling equipment
retailing
RT beverages
chemical products
food products
materials handling equipment
medical supplies
retailing
tobacco products
DEU Getränkeautomat
DSY Selbstbedienungsautomat
Verkaufsautomat

Veneziano model
BT dual models
NT dual resonance model
DEU Veneziano-Modell

Veneziano-Modell
DEU for Veneziano model

Ventil
DUS für valves

ventilation
NT HVAC
RT air conditioning
building management systems
building services
cooling
domestic appliances
ducts
environmental engineering
environmental testing
fans
indoor environment
solar chimneys
temperature control
total energy systems
vents (mechanical components)
DEU Be- und Entlüftung
DSY Belüftung
Bewetterung
Klimatisierung
Lüftung
Lufterneuerung
Ventilation (Klima)

Ventilation (Klima)
DUS für ventilation

ventricle
USE brain
\+ cardiology

Ventrikeldruck
DUS für pressure

Ventrikeldruckmessung
DUS für pressure measurement

vents (mechanical components)
BT mechanical products
RT air conditioning
ducts
space heating
ventilation
windows (construction)
DEU Abzug (mechanisches Element)
DSY Entlüftung (mechanisches Element)

venture capital
BT investment
PT investment
RT financial management
research and development management
risk analysis
DEU Risikokapital

Venturi scrubbers
USE scrubbers (materials handling)

Venus
BT planets
PT planets
RT transits
DEU Venus (Planet)

Venus (Planet)
DEU for Venus

veränderbarer Oszillator
DUS für variable-frequency oscillators

verallgemeinerte Feldtheorie
DUS für unified field theories

Verallgemeinerung (künstliche Intelligenz)
DEU for generalisation (artificial intelligence)

verallgemeinerungsfähiges Schlußfolgern
DEU for common-sense reasoning

Verarbeitung natürlicher Sprache
DUS für natural language processing

Verarbeitung optischer Informationen
DUS für optical information processing

Verarbeitung radioaktiven Abfalls
DUS für radioactive waste processing

Verarbeitung radioaktiven Mülls
DUS für radioactive waste processing

Verarbeitung von radioaktiven Abfall
DUS für radioactive waste processing

Verarbeitung von radioaktiven Müll
DUS für radioactive waste processing

Verbinden (Prozess)
DUS für bonding processes

Verbinden (Prozess)
DEU for joining processes

Verbinden durch Ultraschall
DUS für ultrasonic bonding

Verbindung gedruckter Schaltungen
DEU for printed circuit interconnections

Verbindung integrierter Schaltungen
DEU for integrated circuit interconnections

Verbindung mit Übergangsmetall
DUS für transition metal compounds

Verbindungsgraph
DEU for bond graphs

Verbindungslänge
DEU for bond lengths

Verblassen
DUS für fading

verbleibende Lebensdauer
DUS für remaining life assessment

verborgene Schicht
DEU for buried layers

Verbot der Anwendung gefährlicher Stoffe
DUS für RoHS compliance

Verbraucherschutz
DEU for consumer protection

Verbraucherverhalten
DEU for consumer behaviour

Verbrennen
DEU for incineration

Verbrennung
DUS für incineration

Verbrennung (Oxydation)
DEU for combustion

Verbrennungsausrüstung
DEU for combustion equipment

Verbrennungsdruck
DUS für pressure

Verbrennungsspitzendruck
DUS für pressure

Verbrennungssynthese
DEU for combustion synthesis

Verbrennungswärme
DEU for heat of combustion

Verbund lokaler Netze
DUS für LAN interconnection

verbundenes System
DEU for interconnected systems

Verbundgraph
DUS für bond graphs

Verbundlänge
DUS für bond lengths

Verbundmotor
DEU for compound engines

Verbundnetz (Energienetz)
DEU for power system interconnection

Verbundnetz (Stromnetz)
DUS für power system interconnection

Verbundpartikel
DUS für composite particles

Verbundpartikeltmodell
DUS für composite particle models

Verbundstoffinterface
DUS für composite material interfaces

Verbundstoffisolator
DUS für composite insulators

Verbundsupraleiter
DEU for composite superconductors

Verbundteilchen
DUS für composite particles

Verbundteilchentmodell
DUS für composite particle models

Verbundwerkstoff
DEU for composite materials

Verbundwerkstoffinterface
DUS für composite material interfaces

Verbundwinkel
DEU for bond angles

Verdampfung
DEU for vaporisation

Verdampfungswärme
DEU for heat of vaporisation

Verdet constant
USE Faraday effect

Verdichten
DUS für compaction

Verdichten
DEU for densification

Verdichter
DUS für compressors

Verdichterdruck
DUS für pressure

verdichtete Abtastung
DEU for compressed sensing

Verdichtung
DUS für densification

Verdrahtung
DEU for wiring

Verdrehung
DUS für distortion

Verdrehung
DEU for torsion

verdünnte Legierung
DEU for dilute alloys

verdünnter magnetischer Werkstoff
DEU for dilute magnetic materials

verdünntes magnetisches Material
DUS für dilute magnetic materials

Verdunstung
DEU for evaporation

Verdunstungsmodell
DEU for evaporation model

Veredeln
DUS für finishing

Veredelung (Reinigung)
DUS für purification

Veredlung
DUS für refining

Veredlungsmaschine
DUS für finishing machines

Verein
DUS für societies

vereinheitlichtes Eichmodell
DUS für unified gauge models

Vereinigung
DUS für societies

Vererbung
DEU for inheritance

Verfälschung
DUS für distortion

verfeinerte Fluiddynamik
DEU for rarefied fluid dynamics

Verfeinerung
DUS für refining

Verfeinerungsberechnung
DEU for refinement calculus

Verfeinerungskalkül
DUS für refinement calculus

Verfeinerungsrechnung
DUS für refinement calculus

Verfestigen
DUS für densification

Verfestigung
DUS für densification

Verflüssigen
DEU for liquefaction

Verflüssigung
DEU for fluidisation

Verfolgung
DUS für tracking

Verformung
DEU for deformation

Verformungsbruch
DEU for ductile fracture

Verformungsmessung
DEU for distortion measurement

Vergaser (Motor)
DEU for carburettors

Vergasung
DUS für fugacity

vergrabene Schicht
DUS für buried layers

Verhärtung
DUS für hardening

Verhaltenswissenschaften
DEU for behavioural sciences

verhaltenswissenschaftliche Computeranwendung
DUS für behavioural sciences computing

verhaltenswissenschaftliche Rechneranwendung
DUS für behavioural sciences computing

Verhandlungsunterstützungssystem
DEU for negotiation support systems

Verhütten
DEU for smelting

verification, formal
USE formal verification

verification, program
USE program verification

Verilog
USE hardware description languages

verkantete Spin-Anordnung
DEU for canted spin arrangements

Verkapseln
DEU for encapsulation

Verkaufsautomat
DUS für vending machines

Verkaufsförderung
DUS für promotion (marketing)

Verkaufsmanagement
DEU for sales management

Verkehr
DEU for traffic

Verkehrsaufzeichnung
DEU for traffic recording

Verkehrsflughafen
DUS für airports (structures)

Verkehrsinformationssystem
DEU for traffic information systems

Verkehrslenkung
DEU for traffic control

Verkehrssicherheit
DUS für road safety

verkehrstechnische Computeranwendung
DUS für traffic engineering computing

verkehrstechnische Rechneranwendung
DUS für traffic engineering computing

Verkehrsunfall
DUS für road accidents

verkettetes neuronales Netz
DUS für recurrent neural nets

Verkleidung
DEU for claddings

Verkleidung optischer Fasern
DUS für optical fibre cladding

Verkleidungsmethode
DEU for cladding techniques

Verkleidungstechnik
DUS für cladding techniques

Verkleidung
DUS für linings

verknüpftes System
DUS für interconnected systems

Verknüpfungsprogramm
DEU for middleware

Verknüpfungsschalten
DEU for combinational switching

Verknüpfungsschaltung
DUS für combinational circuits

Verkrümmung
DUS für distortion

Verladeanlage
DEU for loading equipment

Verladeeinrichtung
DUS für loading equipment

Verlagerungsstreuung
DUS für dislocation scattering

Verlagswesen
DEU for publishing

Verletzung
DUS für injuries

Verletzung
DEU for wounds

Verlust
DEU for losses

Verlustmessung
DEU for loss measurement

Vermarktung
DUS für marketing

Vermessung
DEU for surveying

vermin control
USE pest control

verminderte Totalreflexion
DEU for attenuated total reflection

Vermittlung
DUS für switching

Vermögensvermarktung
DUS für property market

Vermögensverwaltung
DEU for asset management

vernetztes Steuersystem
DUS für networked control systems

vernetztes Steuerungssystem
DUS für networked control systems

vernetztes System
DUS für interconnected systems

Vernetzung (Internet)
DUS für internetworking

Verneuil process
USE crystal growth from melt

Verpacken
DUS für packaging

Verpackung
DUS für packaging

Verpackung in Chipgröße
DUS für chip scale packaging

Verpackungsbehälter
DUS für bin packing

Verpackungsmaschine
DEU for packaging machines

Verrechnung
DUS für invoicing

Versandauftrag
DUS für mail order

Versandhausautomatisierung
DEU for warehouse automation

Versandt
DUS für dispatching

Versatz
DUS für dislocations

Versatzkontrolle
DEU for displacement control

Versatzsteuerung
DUS für displacement control

Versatzstruktur
DEU for dislocation structure

Verscheibungswechselwirkung
DEU for dislocation interactions

Verschiebung
DUS für dislocations

Verschiebungsätzen
DEU for dislocation etching

Verschiebungsdipol
DEU for dislocation dipoles

Verschiebungsfeststellung
DEU for dislocation locking

Verschiebungskontrolle
DUS für displacement control

Verschiebungsmessung
DEU for displacement measurement

Verschiebungsschleife
DEU for dislocation loops

Verschiebungsschlupf
DEU for slip

Verschiebungssteuerung
DUS für displacement control

Verschiebungstoß
DEU for dislocation jogs

Verschiebungsverzerrung
DEU for dislocation drag

Verschiebungszug
DUS für dislocation drag

Verschleiß
DEU for wear

Verschleiß (Technik)
DUS für abrasion

verschleißfeste Beschichtung
DUS für wear resistant coatings

Verschleißfestigkeit
DUS für wear resistance

Verschleißprüfung
DUS für wear testing

Verschleißtest
DUS für wear testing

Verschleißwiderstand
DUS für wear resistance

Verschlüsselung (allgemein)
DEU for encryption

Verschluss
DUS für fasteners

verschmutzte Supraleitung
DUS für dirty superconductors

Verschmutzung
DEU for pollution

Verschmutzung durch Landwirtschaft
DUS für agricultural pollution

Verschmutzung durch Öl
DUS für oil pollution

Verschmutzungskontrolle
DEU for pollution control

Verschmutzungsmessung
DEU for pollution measurement

Verschmutzungsstreuung
DEU for impurity scattering

Versetzung
DUS für dislocations

Versetzungsätzen
DUS für dislocation etching

Versetzungsanhäufung
DEU for dislocation pile-ups

Versetzungsaufstieg
DEU for dislocation motion

Versetzungsbedampfung
DEU for dislocation damping

Versetzungsbewegung
DUS für dislocation motion

Versetzungsdichte
DEU for dislocation density

Versetzungsenergie
DEU for dislocation energy

Versetzungsfeld
DEU for dislocation arrays

Versetzungsgruppe
DUS für dislocation arrays

Versetzungskeimausbildung
DEU for dislocation nucleation

Versetzungsklettern
DEU for dislocation climb

Versetzungsmultiplikation
DEU for dislocation multiplication

Versetzungsquelle
DEU for dislocation sources

Versetzungsschlupf
DUS für dislocation motion

Versetzungsstruktur
DUS für dislocation structure

Versetzungsverankerung
DEU for dislocation pinning

Versicherung
DEU for insurance

Versicherungsdatenverarbeitung
DEU for insurance data processing

version control
USE configuration management

Versorgung
DEU for supply chains

Versorgungsmanagement
DEU for supply chain management

Versorgungstechnik
DEU for building services

Verspätung
DUS für delays

Versprödung
DEU for embrittlement

Verstärker
DEU for amplifiers

Verstärkung
DEU for amplification

Verstärkungs- und Vorwärts-Kommunikation
DUS für amplify and forward communication

Verstärkungsmessung
DEU for gain measurement

Verstärkungsregelung
DEU for gain control

Verstauchung
DUS für distortion

verstecktes Markov-Modell
DEU for hidden Markov models

Versteifung
DUS für hardening

Versunreinigung durch Landwirtschaft
DUS für agricultural pollution

vertauliche Computeranwendung
DEU for trusted computing

vertauliche Rechneranwendung
DUS für trusted computing

Verteidigungsindustrie
DEU for defence industry

Verteilerleiste
DUS für manifolds

verteilte Arithmetik
DEU for distributed arithmetic

verteilte Datenbank
DEU for distributed databases

verteilte Datenverarbeitung
DEU for distributive data processing

verteilte Energieerzeugung
DEU for distributed power generation

verteilte Entscheidungsfindung
DEU for distributed decision making

verteilte Nachführung
DEU for distributed tracking

verteilte Programmierung
DEU for distributed programming

verteilte Sensortechnik
DEU for distributed sensors

verteilte Steuerung und Regelung
DEU for distributed control

verteilte Stromerzeugung
DUS für distributed power generation

verteilte Verarbeitung (DV)
DEU for distributed processing

verteilte Verfolgung
DUS für distributed tracking

verteilter Algorithmus
DEU for distributed algorithms

verteilter Bragg-Reflektor
DEU for distributed Bragg reflectors

verteilter Bragg-Reflektor-Laser
DEU for distributed Bragg reflector lasers

verteilter Rückkopplungslaser
DUS für distributed feedback lasers

verteilter Verstärker
DEU for distributed amplifiers

verteiltes geteiltes Speichersystem
DEU for distributed shared memory systems

verteiltes Netz
DEU for distributed parameter networks

verteiltes Objektmanagement
DEU for distributed object management

verteiltes Parameterfilter
DEU for distributed parameter filters

verteiltes Speichersystem
DEU for distributed memory systems

verteiltes System
DEU for distributed parameter systems

Verteilung
DUS für dispersion (wave)

Verteilungsnetz
DEU for distribution networks

Verteilungsstrategie
DEU for distribution strategy

vertex detectors
USE position sensitive particle detectors

vertex functions
BT functions
PT elementary particle theory functions
quantum field theory
RT elementary particle interactions
elementary particle theory
DEU Vertex-Funktion

Vertex-Funktion
DEU for vertex functions

vertical cavity surface emitting lasers
USE surface emitting lasers

Vertrag
DEU for contracts

Vertragsrecht
DEU for contract law

vertrauensbasiertes Netzwerk
DUS für belief networks

Vertrauensdatenführung
DUS für belief maintenance

Vertrauensnetzwerk
DUS für belief networks

Verunreinigung
DUS für impurities
pollution

Verunreinigungs-Fehlstellen-Wechselwirkung
DEU for impurity-vacancy interactions

Verunreinigungsabsorptionsspektrum
DUS für impurity absorption spectra

Verunreinigungselektronenzustand und Wirkung
DUS für impurity electron states and effects

Verunreinigungskontrolle
DUS für pollution control

Verunreinigungsmessung
DUS für pollution measurement

Verunreinigungsstreuung
DUS für impurity scattering

Verunreinigungszustand
DEU for impurity states

Verunreinigungverschiebungswechselwirkung
DEU for impurity-dislocation interactions

Verwaltungsdatenverarbeitung
DEU for administrative data processing

Verwaltungsdatenverarbeitung
DUS für government data processing

Verwendung von Ultraschall
DUS für ultrasonic applications

Verwerfung
DUS für distortion

Verwerfung (seismisch)
DEU for faulting

Verwey transition
USE metal-insulator transition

Verwindung
DUS für distortion
torsion

Verwindung (Elementarteilchen)
DUS für helicity (elementary particles)

Verwindungsmessung
DUS für distortion measurement

very high speed digital subscriber lines
USE digital subscriber lines

very high speed integrated circuits
BT high-speed integrated circuits
VLSI
SY *VHSIC*
PT digital integrated circuits
VLSI

RT digital integrated circuits
monolithic integrated circuits
DEU VHSIC-Schaltkreis
DSY VHSIC-Schaltung

very large databases
BT database management systems
NT data warehouses
PT database management systems
RT Big Data
data mining
digital libraries
DEU sehr große Datenbank

very large scale integration
USE VLSI
DEU VLSI-Schaltung

Very Large Semiconductor Integration (VLSI)
DUS für VLSI

very long baseline interferometry
USE radioastronomical techniques
\+ radiowave interferometry

very long instruction word machines
USE instruction sets
\+ multiprocessing systems
\+ parallel architectures
\+ parallel machines

very small aperture terminals
USE satellite ground stations

very-high-frequency amplifiers
USE VHF amplifiers

very-high-frequency circuits
USE VHF circuits

very-high-frequency devices
USE VHF devices

very-high-frequency filters
USE VHF filters

very-high-frequency oscillators
USE VHF oscillators

very-high-frequency radio propagation
USE VHF radio propagation

Verzeichnung
DUS für distortion

Verzerrung
DUS für distortion

Verzerrungsgrenze
DUS für twist boundaries

Verzerrungsmessung
DUS für distortion measurement

Verzögern
DUS für braking

verzögertes Alphapartikel
DEU for delayed alpha particles

verzögertes Alphateilchen
DUS für delayed alpha particles

verzögertes Neutron
DEU for delayed neutrons

verzögertes Proton
DEU for delayed protons

Verzögerung
DUS für delays

Verzögerungs-Differential-System
DEU for delay-differential systems

Verzögerungseingriff
DEU for delay lock loops

Verzögerungsfilter
DEU for delay filters

Verzögerungsleitung
DEU for delay lines

Verzögerungsschaltung
DEU for delay circuits

verzögerungstolerantes Netz
DEU for delay tolerant networks

Verzögerungswahrnehmung
DEU for delay estimation

Verzug
DUS für distortion

Veterinärmedizin
DEU for veterinary medicine

veterinary medicine
BT medicine
RT zoology
DEU Veterinärmedizin

Vh-centers
USE H-centres

VH-centres
USE H-centres

VHDL
USE hardware description languages

VHF amplifiers
BT radiofrequency amplifiers
VHF devices
SY *very-high-frequency amplifiers*
PT radiofrequency amplifiers
RT HF amplifiers
UHF amplifiers
VHF circuits
DEU VHF-Verstärker

VHF antennas
BT antennas
VHF devices
RT HF antennas
UHF antennas
VHF radio propagation
DEU VHF-Antenne

VHF circuits
BT networks (circuits)
VHF devices
SY *very-high-frequency circuits*
RT UHF circuits
VHF amplifiers
VHF filters
VHF oscillators
DEU VHF-Schaltkreis
DSY VHF-Schalung

VHF devices
NT VHF amplifiers
VHF antennas
VHF circuits
VHF filters
VHF oscillators
SY *very-high-frequency devices*
RT radiocommunication
telecommunication equipment
UHF devices
DEU VHF-Bauteil
DSY VHF-Gerät

VHF filters
BT radiofrequency filters
VHF devices
SY *very-high-frequency filters*
PT radiofrequency filters
RT UHF filters
VHF circuits
DEU VHF-Filter

VHF oscillators
BT radiofrequency oscillators
VHF devices
SY *very-high-frequency oscillators*
PT radiofrequency oscillators
RT UHF oscillators
VHF circuits
DEU VHF-Oszillator

VHF propagation
USE VHF radio propagation

VHF radio propagation
BT radiowave propagation
SY *very-high-frequency radio propagation*
VHF propagation
PT radiowave propagation
RT HF radio propagation
UHF radio propagation
VHF antennas
DEU VHF-Funkausbreitung
DSY VHF-Funkwellenausbreitung
VHF-Radioausbreitung
VHF-Radiowellenausbreitung
VHF-Wellenausbreitung

VHF-Antenne
DEU for VHF antennas

VHF-Bauteil
DEU for VHF devices

VHF-Filter
DEU for VHF filters

VHF-Funkausbreitung
DEU for VHF radio propagation

VHF-Funkwellenausbreitung
DUS für VHF radio propagation

VHF-Gerät
DUS für VHF devices

VHF-Oszillator
DEU for VHF oscillators

VHF-Radioausbreitung
DUS für VHF radio propagation

VHF-Radiowellenausbreitung
DUS für VHF radio propagation

VHF-Schaltkreis
DEU for VHF circuits

VHF-Schalung
DUS für VHF circuits

VHF-Verstärker
DEU for VHF amplifiers

VHF-Wellenausbreitung
DUS für VHF radio propagation

VHSIC
USE very high speed integrated circuits

VHSIC-Schaltkreis
DEU for very high speed integrated circuits

VHSIC-Schaltung
DUS für very high speed integrated circuits

VI&P communication
USE intelligent networks
\+ personal communication networks
\+ visual communication

viaducts
USE bridges (structures)

vias
SY *microvias*
RT integrated circuit interconnections
interconnections
printed circuit interconnections
DEU Vias

Vias
DEU for vias

vibrating bodies
USE vibrations

vibrating sample magnetometers
USE magnetometers

Vibration
DUS für vibrations

vibration control
BT mechanical variables control
NT vibration isolation
UF *dampers / shock absorbers + vibration control*
RT active noise control
condition monitoring
damping
flexible manipulators
flexible structures
machining chatter
mountings
shock absorbers
vibration measurement
vibrations
DEU Vibrationskontrolle
DSY Vibrationsregelung

vibration excitation
BT vibrations
DEU Schwingungsanregung
DSY Vibrationsanregung

vibration isolation
BT vibration control
PT vibration control
RT damping
shock absorbers
vibrations
DEU Schwingungsdämpfung
DSY Stoßdämpfung
Vibrationsisolierung

vibration measurement
BT mechanical variables measurement
SY *vibrometers*
RT acoustic variables measurement
condition monitoring
seismometers
shearography
transducers
vibration control
vibrations
DEU Messen mechanischer Schwingungen
DSY Schwingungsmessung (Mechanik)

vibration testing
USE dynamic testing

vibrational band (nuclear)
USE nuclear vibrational states

vibrational modes
BT vibrational states
NT localised modes
phonons
soft modes
SY *internal modes*
UF *intramolecular vibrations / vibrational modes + vibrational states*
SY *modes, lattice vibrations*
modes, vibration
molecular vibration in solids
vibrational states in disordered systems

PT molecular vibration in solids
vibrational states in disordered systems
RT CPA calculations
lattice dynamics
librational states
phonon spectra
DEU Schwingungsmodus
DSY Vibrationsmodus

vibrational states
BT energy states
vibrations
NT Fermi resonance
vibrational modes
UF *intramolecular vibrations / vibrational modes + vibrational states*
SY *molecular vibration calculations*
molecular vibrational states
molecular vibration
r-centroids
vibrations, molecular
PT molecular vibration
molecular vibration calculations
RT intramolecular mechanics
librational states
molecular electronic states
molecular force constants
potential energy surfaces
rotational states
rotational-vibrational energy transfer
rotational-vibrational states
spectra (general)
translational states
vibronic states
DEU Schwingungszustand
DSY Vibrationszustand

vibrational states in disordered systems
USE vibrational modes

vibrational states, nuclear
USE nuclear vibrational states

vibrations
BT dynamics
NT vibration excitation
vibrational states
SY *mechanical vibrations*
tuning forks
vibrating bodies
RT acoustic noise
acoustic resonance
acoustics
damping
elastic waves
elastodynamics
electrostatic generators
energy harvesting
harmonics
modal analysis
oscillations
overhead line mechanical characteristics
periodic structures
piezoelectric oscillations
resonance
sloshing
structural acoustics
vibration control
vibration isolation
vibration measurement
DEU Schwingung
DSY Vibration

vibrations, crystal lattice
USE lattice dynamics

vibrations, molecular
USE vibrational states

Vibrationsanregung
DUS für vibration excitation

Vibrationsisolierung
DUS für vibration isolation

Vibrationskontrolle
DEU for vibration control

Vibrationsmodus
DUS für vibrational modes

Vibrationsregelung
DUS für vibration control

Vibrationszustand
DUS für vibrational states

vibrometers
USE vibration measurement

vibronic states
BT energy states
SY *inverse electronic relaxation*
molecular vibronic states
Renner-Teller effect
PT lattice dynamics
molecular vibration in solids
molecular vibronic states
RT excited states
molecular electronic states
resonant states
vibrational states

DEU vibronischer Zustand

vibronischer Zustand
DEU for vibronic states

VIC computers
USE Commodore computers

vices
BT work-holding devices
RT clamps
grippers
DEU Schraubstock

Vickers hardness
BT hardness
PT hardness
RT fracture toughness
hardness testing
DEU Vickers-Härte

Vickers-Härte
DEU for Vickers hardness

Victor computers
USE ACT computers

video amplifiers
BT amplifiers
video equipment
SY *videofrequency amplifiers*
DEU Videoverstärker

video cameras
BT cameras
video equipment
SY *camcorders*
PT television cameras
video tape recorders
RT television cameras
video surveillance
video tape recorders
DEU Videokamera

video cassette recorders
USE video tape recorders

video codecs
BT codecs
video equipment
UF *H.264 coding / data compression + video codecs + video coding*
UF *HDTV codecs / high definition television + video codecs*
PT codecs
video equipment
RT decoding
high definition television
image coding
video coding
video signals
DEU Video-Codec

video coding
BT image coding
video signal processing
UF *H.264 coding / data compression + video codecs + video coding*
UF *video compression / data compression + video coding*
PT image coding
video signals
RT digital multimedia broadcasting
digital versatile discs
digital video broadcasting
high definition television
high definition video
image motion analysis
image sequences
image watermarking
mobile television
motion compensation
motion estimation
multimedia communication
set-top boxes
transcoding
video codecs
video communication
video on demand
video streaming
video watermarking
visual communication
visual servoing
watermarking
DEU Videocodierung

video communication
BT visual communication
UF *videoconferencing / teleconferencing + video communication*
PT visual communication
RT multimedia communication
video coding
video streaming
DEU Videokommunikation

video compression
USE data compression
\+ video coding

video databases
BT visual databases
PT visual databases
RT content-based retrieval
multimedia databases
multimedia server

video retrieval
video servers
DEU Videodatenbank

video discs
BT television equipment
UF *digital video discs / digital versatile discs + video discs*
SY *optical video discs*
PT video and audio discs
RT digital versatile discs
interactive video
optical disc storage
video equipment
video recording
DEU Bildplatte
DSY Videodisk
Videoplatte

video effects generators
USE video equipment

video equipment
BT telecommunication equipment
NT video amplifiers
video cameras
video codecs
video servers
video tape recorders
SY *video effects generators*
UF *video RAM / random-access storage + video equipment*
SY *video terminals*
PT television equipment
RT computer animation
computer graphic equipment
consumer electronics
image processing equipment
television equipment
television production
video discs
video recording
DEU Videoausrüstung

video holography
USE electronic speckle pattern interferometry

video on demand
BT interactive video
PT interactive television
interactive video
multimedia communication
RT cable television
interactive television
IPTV
multimedia communication
multimedia computing
multimedia systems
video coding
video servers
video streaming
DEU Videobedarf

video RAM
USE random-access storage
\+ video equipment

video recording
BT recording
SY *videography*
RT digital magnetic recording
digital versatile discs
high definition video
television
television production
video discs
video equipment
video tape recorders
DEU Videoaufzeichnung

video retrieval
BT image retrieval
PT image retrieval
RT content-based retrieval
video databases
video signal processing
DEU Videorecherche

video servers
BT network servers
video equipment
PT network servers
video equipment
RT client-server systems
interactive television
interactive video
multimedia communication
multimedia server
video databases
video on demand
video streaming
DEU Videoserver

video signal processing
BT image processing
video signals
NT video coding
video watermarking
SY *video summarisation*
video summarization
PT video signals
RT comb filters
gaze tracking
image sampling
multidimensional signal

processing
object tracking
text detection
video retrieval
video streaming
video surveillance
DEU Videosignalverarbeitung

video signals
BT signals
NT video signal processing
SY *television signals*
PT facsimile
television
RT closed circuit television
digital signals
digital television
entropy codes
high definition video
image processing
runlength codes
signal detection
signal generators
signal processing
synchronisation
television standards
transform coding
variable length codes
variable rate codes
video codecs
visual communication
DEU Videosignal

video streaming
BT media streaming
visual communication
PT visual communication
RT audio streaming
data compression
Internet
quality of experience
quality of service
video coding
video communication
video on demand
video servers
video signal processing
DEU Video-Streaming
DSY Videoaufzeichnung und -abspielung

video summarisation
USE video signal processing

video summarization
USE video signal processing

video surveillance
BT surveillance
PT surveillance
RT closed circuit television
image motion analysis
image recognition
image sequences
object detection
security
video cameras
video signal processing
DEU Videoüberwachung

video tape recorders
BT tape recorders
television equipment
video equipment
SY *VCR*
video cassette recorders
VTR
PT tape recorders
television equipment
RT interactive video
video cameras
video recording
DEU Videobandrekorder
DSY Videorecorder

video terminals
USE video equipment

video watermarking
BT video signal processing
watermarking
PT video coding
watermarking
RT copyright
data compression
data encapsulation
discrete cosine transforms
image watermarking
security of data
video coding
DEU Video-Wasserzeichenerzeugung

Video- und Audio-Disk
DEU for video and audio discs

Video-Codec
DEU for video codecs

Video-Streaming
DEU for video streaming

Video-Wasserzeichenerzeugung
DEU for video watermarking

Videoaufzeichnung
DEU for video recording

Videoaufzeichnung und -abspielung
DUS für video streaming

Videoausrüstung
DEU for video equipment

Videobandrekorder
DEU for video tape recorders

Videobedarf
DEU for video on demand

Videocodierung
DEU for video coding

videoconferencing
USE teleconferencing
\+ video communication

Videodatenbank
DEU for video databases

Videodisk
DUS für video discs

Videofernsprecher
DUS für videotelephony

videofrequency amplifiers
USE video amplifiers

videography
USE video recording

Videokamera
DEU for video cameras

Videokommunikation
DEU for video communication

videophones
USE videotelephony

Videoplatte
DUS für video discs

Videorecherche
DEU for video retrieval

Videorecorder
DUS für video tape recorders

Videoserver
DEU for video servers

Videosignal
DEU for video signals

Videosignalverarbeitung
DEU for video signal processing

Videotelefon
DUS für videotelephony

videotelephones
USE videotelephony

videotelephony
BT telephony
television applications
visual communication
SY *videophones*
videotelephones
PT telephony
television applications
RT teleconferencing
telephone equipment
television equipment
DEU Bildfernsprecher
DSY Bildtelefon
Videofernsprecher
Videotelefon

videotext
USE viewdata

Videotext
DEU for teletext

videotext
USE viewdata

Videoüberwachung
DEU for video surveillance

Videoverstärker
DEU for video amplifiers

vidicons
USE television camera tubes

Vieldrahtionisationskammer
DEU for multiwire ionisation chambers

Vielfachleiterübertragungsleitung
DUS für multiconductor transmission lines

Vielfachmessgerät
DUS für multimeters

Vielfachportnetz
DUS für multiport networks

Vielfachstrahlungskeulenantenne
DUS für multibeam antennas

Vielfachzugriff mit zyklischer Reservierung
DEU for cyclic reservation multiple access

Vielkörperproblem
DUS für many-body problems

Vien-Erkennung
DEU for vein recognition

Vienna development method
BT software engineering
SY *VDM (software engineering)*
PT software engineering
RT systems analysis
DEU Wiener Entwicklungsmethode

Vier-Sechs-Verbindung
DEU for IV-VI semiconductors

Viererbaum
DEU for quadtrees

Vierphasen-Modulation
DUS für quadrature phase shift keying

Viersäulenpresse
DUS für presses

viewdata
BT telecommunication services
SY *Bildschirmtext*
Captains
Minitel
Prestel
videotext
videotext
PT data communication systems
information services
telephone systems
television applications
RT data communication
information services
office automation
radio data systems
television applications
DEU Bildschirmtext

vinyl resins
USE resins

vircators
BT microwave oscillators
microwave tubes
SY *virtual cathode oscillators*
PT microwave generation
microwave oscillators
RT cathodes
magnetrons
microwave generation
relativistic electron beam tubes
UHF tubes
DEU Virkator
DSY Virtuelle-Kathode-Oszillator (Virkator)

virial coefficients
USE equations of state

Virkator
DEU for vircators

virtual cathode oscillators
USE vircators

virtual enterprises
BT business data processing
PT business data processing
RT electronic commerce
groupware
Internet
small-to-medium enterprises
virtual reality
virtualisation
DEU virtuelles Unternehmen

virtual factories
USE virtual manufacturing

virtual instrumentation
BT computerised instrumentation
SY *Laboratory Virtual Instrumentation Engineering Workbench*
LabVIEW
PT computerised instrumentation
RT automatic test equipment
data acquisition
graphical user interfaces
virtual machines
DEU virtuelle Instrumentierung

virtual machines
BT digital simulation
engineering computing
SY *computer simulation by computers*
digital simulation of computers

simulation of computers, digital
VM
PT engineering applications of computers
simulation
RT performance evaluation
software performance evaluation
time warp simulation
virtual instrumentation
virtualisation
DEU virtuelle Maschine

virtual machining
BT machining
virtual manufacturing
PT machining
DEU virtuelle Verarbeitung

virtual manufacturing
BT production engineering computing
NT virtual machining
SY *digital factories*
virtual factories
RT CAD/CAM
computer integrated manufacturing
concurrent engineering
manufacturing data processing
virtual reality
DEU virtuelle Fertigung

virtual office
USE teleworking

virtual private networks
BT telecommunication networks
SY *VPN*
PT business communication
RT business communication
computer networks
Internet
intranets
local area networks
quality of service
security of data
telecommunication security
telecommunication services
wide area networks
DEU virtuelles privates Netz

virtual prototyping
BT design engineering
RT product development
prototypes
rapid prototyping (industrial)
software prototyping
virtual reality
DEU virtuelle Prototypentwicklung

virtual reality
BT computer graphics
interactive systems
NT augmented reality
avatars
virtual reality languages
UF *telepresence / telecontrol* + *virtual reality*
PT computer graphics
RT data gloves
force feedback
haptic interfaces
helmet mounted displays
museums
serious games (computing)
user interfaces
virtual enterprises
virtual manufacturing
virtual prototyping
DEU virtuelle Realität

virtual reality languages
BT high level languages
virtual reality
SY *Virtual Reality Modelling Language*
VRML
PT high level languages
virtual reality
RT simulation languages
DEU Programmiersprache für virtuelle Realität

Virtual Reality Modelling Language
USE virtual reality languages

virtual storage
BT storage management
NT paged storage
SY *VS (virtual storage)*
PT file organisation
storage management
RT file organisation
operating systems (computers)
storage allocation
virtualisation
DEU virtueller Speicher

virtualisation
SY *virtualization*
RT cloud computing
file servers
virtual enterprises
virtual machines
virtual storage
DEU Virtualisierung

Virtualisierung
DEU for virtualisation

virtualization
USE virtualisation

virtuelle Fertigung
DEU for virtual manufacturing

virtuelle Figur
DUS für avatars

virtuelle Instrumentierung
DEU for virtual instrumentation

virtuelle Maschine
DEU for virtual machines

virtuelle Prototypentwicklung
DEU for virtual prototyping

virtuelle Realität
DEU for virtual reality

virtuelle Verarbeitung
DEU for virtual machining

Virtuelle-Kathode-Oszillator (Virkator)
DUS für vircators

virtueller Speicher
DEU for virtual storage

virtuelles privates Netz
DEU for virtual private networks

virtuelles Unternehmen
DEU for virtual enterprises

viruses, computer
USE computer viruses

viruses, microorganisms
USE microorganisms

viscoelastic flow
USE non-Newtonian flow

viscoelastic fluids
USE non-Newtonian fluids

viscoelasticity
BT mechanical properties
RT creep
internal friction
relaxation
rheology
stress relaxation
viscoplasticity
DEU Viskoelastizität

viscometers
BT meters
SY *viscosimeters*
RT viscosity
viscosity measurement
DEU Rheometer
DSY Viskosimeter

viscoplasticity
BT plasticity
PT plasticity
RT creep
elastoplasticity
plastic deformation
plastic flow
viscoelasticity
DEU Viskoplastizität

viscosimeters
USE viscometers

viscosity
BT transport processes
NT thixotropy
SY *internal friction of liquids*
UF *magnetoviscosity / magnetohydrodynamics + viscosity*
RT capillarity
flow
internal friction
Navier-Stokes equations
non-Newtonian fluids
rheology
superfluidity
viscometers
viscosity measurement
DEU Viskosität

viscosity measurement
BT measurement
PT viscosity
RT viscometers
viscosity
DEU Viskositätsmessung

viscous flow (solids)
USE plastic flow

visibility
RT atmospheric optics
brightness
light
light transmission
vision

DEU Sichtbarkeit
DSY Sichtweite

visible astronomical observations
BT astronomical observations
DEU sichtbare astronomische Beobachtung

visible spectra
BT spectra (general)
UF *optical spectra / infrared spectra* + *ultraviolet spectra* + *visible spectra*
PT spectra
RT visible spectroscopy
DEU Lichtspektrum
DSY sichtbares Spektrum

visible spectrometers
BT spectrometers
UF *optical spectrometers / infrared spectrometers* + *ultraviolet spectrometers* + *visible spectrometers*
PT spectrometers
visible spectroscopy
RT visible spectroscopy
DEU Licht-Spektrometer
DSY Lichtspektrometer
Spektrometer (sichtbares Licht)

visible spectroscopy
BT spectroscopy
UF *optical spectroscopy / infrared spectroscopy* + *ultraviolet spectroscopy* + *visible spectroscopy*
PT spectroscopy
RT visible spectra
visible spectrometers
DEU Lichtspektrometrie
DSY Lichtspektroskopie
optische Spektrometrie
optische Spektroskopie
sichtbare Spektrometrie
sichtbare Spektroskopie

vision
NT colour vision
vision defects
visual evoked potentials
visual perception
SY *physiological optics*
psychological optics
Purkinje effect
RT bio-optics
biology
biophysics
brightness
computer vision
electroretinography
eye
gaze tracking
optics
physiology
visibility
DEU Sehkraft
DSY Vorstellung

vision defects
BT vision
SY *aberrations (visual)*
amblyopia
astigmatism (eye)
UF *color blindness / colour vision* + *vision defects*
UF *colour blindness / colour vision* + *vision defects*
SY *myopia*
PT vision
RT contact lenses
ophthalmic lenses
DEU Sehfehler
DSY Wahrnehmungsfehler (Optik)

vision sensors
USE image sensors

Viskoelastizität
DEU for viscoelasticity

Viskoplastizität
DEU for viscoplasticity

Viskosimeter
DUS für viscometers

Viskosität
DEU for viscosity

Viskositätsmessung
DEU for viscosity measurement

visual analytics
USE data analysis
\+ data visualisation

Visual BASIC
BT BASIC
visual languages
PT BASIC
visual languages
RT object-oriented languages
DEU Visual BASIC (Programmiersprache)

Visual BASIC (Programmiersprache)
DEU for Visual BASIC

visual binaries
USE binary stars

visual communication
BT telecommunication
NT video communication
video streaming
videotelephony
SY *image transmission*
UF *VI&P communication / intelligent networks + personal communication networks + visual communication*
UF *visual, intelligent and personal communication / intelligent networks + personal communication networks + visual communication*
RT B-ISDN
broadband networks
ISDN
multimedia communication
optical communication
packet switching
teleconferencing
television
transcoding
video coding
video signals
DEU visuelle Kommunikation

visual cryptography
USE cryptography
\+ image processing

visual databases
BT database management systems
NT PACS
video databases
UF *design data management / design engineering + visual databases*
SY *document image databases*
image databases
UF *image management systems / document image processing + visual databases*
SY *moving object databases*
pictorial databases
spatial databases
PT database management systems
RT content-based retrieval
document image processing
geographic information systems
image retrieval
multimedia computing
multimedia databases
spatial data structures
spatial reasoning
DEU optische Datenbank

visual display units
USE computer displays

visual event related potentials
USE visual evoked potentials

visual evoked potentials
BT bioelectric potentials
vision
SY *evoked potentials, visual*
visual event related potentials
PT bioelectric potentials
vision
RT eye
neurophysiology
DEU visuell angeregtes Potential
DSY visuell angeregtes Potenzial
visuell evoziertes Potential
visuell evoziertes Potenzial

visual languages
BT high level languages
NT Visual BASIC
SY *graphical languages*
PT high level languages
visual programming
RT visual programming
DEU visuelle Programmiersprache

visual perception
BT vision
SY *perception (visual)*
UF *stereo vision / stereo image processing + visual perception*
SY *stereopsis*
UF *stereoscopy / stereo image processing + visual perception*
PT vision
RT psychology
DEU optische Wahrnehmung

visual programming
BT programming
NT program visualisation
PT programming
RT computer graphics
graphical user interfaces
visual languages
DEU visuelle Programmierung

visual servoing
BT image motion analysis
PT image motion analysis
RT computer vision
motion compensation
motion measurement
path planning
robots
spatiotemporal phenomena
video coding
DEU visuelle Unterstützung
DSY visuelle Verstärkung

visual, intelligent and personal communication
USE intelligent networks
+ personal communication networks
+ visual communication

visualisation of data
USE data visualisation

visualisation, flow
USE flow visualisation

visualisation, particle track
USE particle track visualisation

visuell angeregtes Potential
DEU for visual evoked potentials

visuell angeregtes Potenzial
DUS für visual evoked potentials

visuell evoziertes Potential
DUS für visual evoked potentials

visuell evoziertes Potenzial
DUS für visual evoked potentials

visuelle Kommunikation
DEU for visual communication

visuelle Programmiersprache
DEU for visual languages

visuelle Programmierung
DEU for visual programming

visuelle Unterstützung
DEU for visual servoing

visuelle Verstärkung
DUS für visual servoing

Viterbi decoding
BT decoding
PT decoding
RT maximum likelihood decoding
sequential decoding
DEU Viterby-Dekodierung

Viterbi detection
BT signal detection
PT signal detection
RT maximum likelihood detection
DEU Viterby-Detektion

Viterbi estimation
USE maximum likelihood estimation

Viterby-Dekodierung
DEU for Viterbi decoding

Viterby-Detektion
DEU for Viterbi detection

vitreous state
SY *glassy state*
UF *vitreous structure / glass structure + vitreous state*
RT amorphous state
glass
glass structure
glass transition
metallic glasses
noncrystalline structure
solid structure
vitrification
DEU amorpher Zustand

vitreous structure
USE glass structure
+ vitreous state

vitrification
BT phase transformations
SY *glass formation*
PT glass
vitreous state
RT amorphisation
glass
glass transition
vitreous state
DEU Einglasen

vitroceramics
USE glass ceramics

Vk-centres
USE V-centres

Vlasov equation
BT integro-differential equations
SY *Boltzmann-Vlasov equation*
RT Liouville equation
plasma transport processes
DEU Vlasov-Gleichung

Vlasov-Gleichung
DEU for Vlasov equation

VLBI
USE radioastronomical techniques
\+ radiowave interferometry

VLF radio propagation
USE radiowave propagation

VLIW machines
USE instruction sets
\+ multiprocessing systems
\+ parallel architectures
\+ parallel machines

VLSI
NT very high speed integrated circuits
wafer-scale integration
SY *very large scale integration*
PT large scale integration
RT application specific integrated circuits
clock distribution networks
digital signal processing chips
DRAM chips
high-speed integrated circuits
integrated circuit design
integrated circuit technology
integrated circuit yield
isolation technology
large scale integration
low-power electronics
monolithic integrated circuits
nanotechnology
neural chips
optical interconnections
system-on-chip
tape automated bonding
ULSI
DEU Sehr-Große-Halbleiter-Integration
DSY Very Large Semiconductor Integration (VLSI)
VLSI (Schaltkreispackdichte)
VLSI (Very Large Semiconductor Integration)

VLSI (Schaltkreispackdichte)
DUS für VLSI

VLSI (Very Large Semiconductor Integration)
DUS für VLSI

VLSI-Schaltung
DEU for very large scale integration

VM
USE virtual machines

VMEbus
USE system buses

VMOS integrated circuits
USE MOS integrated circuits

VMOS transistors
USE MOSFET

vocabulary
BT information analysis
NT thesauri
SY *concepts (index language)*
descriptors
index terms
subject headings
DEU Vokabular

vocational training
BT training
UF *National Vocational Qualification / qualifications + vocational training*
UF *NVQ / qualifications + vocational training*
RT industrial training
multiskilling
DEU Berufsausbildung

Vocoder
DUS für vocoders

vocoders
BT bandwidth compression
telephone equipment
SY *speech coders*
voice coders
RT band-pass filters
encoding (general)
frequency modulation
pulse code modulation
radiocommunication
radiotelephony
speech codecs
speech coding
speech synthesis
voice communication
DEU Sprach-Codierer
DSY Sprachcodierer

Vocoder

Vodafone
USE cellular radio
\+ radiotelephony

voice
USE speech

voice coders
USE vocoders

voice communication
BT telecommunication
NT integrated voice/data communication
public speaking
SY *speech transmission*
RT speech coding
vocoders
DEU Sprachkommunikation

voice equipment
BT signal processing equipment
NT dictation
UF *voice input / speech recognition + speech-based user interfaces + voice equipment*
UF *voice synthesis / speech synthesis + voice equipment*
PT speech recognition
speech synthesis
RT office automation
speech recognition
speech recognition equipment
speech synthesis
speech-based user interfaces
DEU Sprachausrüstung

voice input
USE speech recognition
\+ speech-based user interfaces
\+ voice equipment

voice mail
BT telecommunication services
SY *voice messaging*
PT electronic mail
telephone systems
voice communication
RT electronic mail
telephony
DEU Sprach-Mail

voice messaging
USE voice mail

voice synthesis
USE speech synthesis
\+ voice equipment

voice-over-IP
USE Internet telephony

voids (solid)
BT crystal defects
SY *cavities (solid)*
UF *flaws / cracks + inclusions + voids (solid)*
PT crystal defects
RT radiation effects
solid structure
swelling
DEU Festkörperhohlraum
DSY Festkörperlücke

Voigt effect
USE magneto-optical effects

Voigt profile
USE spectral line breadth

VOIP
USE Internet telephony

Vokabular
DEU for vocabulary

volatile oils
USE essential oils

volatilisation
USE vaporisation

volatilization
USE vaporisation

volcanology
NT magma
PT geophysics
RT geophysical catastrophes
geophysics
planetary volcanism
terrestrial heat
DEU Vulkanologie

Volkswirtschaft
DUS für economics

volkswirtschaftliche Kybernetik
DUS für economic cybernetics

volkswirtschaftliche Umweltkosten
DUS für environmental economics

volkswirtschaftliche Vorhersage
DUS für economic forecasting

volkswirtschaftlicher Indikator
DUS für economic indicators

volkswirtschaftlicher Zyklus
DUS für economic cycles

Volltextdatenbank
DEU for full-text databases

volt-ampere meters
BT metering
meters
RT power measurement
power meters
wattmeters
DEU Volt-Ampere-Meter

Volt-Ampere-Meter
DEU for volt-ampere meters

voltage
USE electric potential
DEU elektrische Spannung

voltage collapse
USE power system dynamic stability

voltage comparators
USE comparators (circuits)

voltage control
BT electric variables control
SY *voltage regulation*
RT electric potential
on load tap changers
protection
transformer substations
transformers
voltage dividers
voltage measurement
voltage regulators
DEU Spannungsregelung

voltage controllers
USE voltage regulators

voltage distribution
RT electric breakdown
overvoltage
surface discharges
transients
DEU elektrische Spannungsverteilung

voltage dividers
BT dividing circuits
NT autotransformers
potentiometers
SY *dividers, voltage*
potential dividers
PT voltage distribution
RT charge pump circuits
resistors
voltage control
DEU Spannungsteiler

voltage drop
USE electric potential

voltage followers
USE operational amplifiers

voltage measurement
BT electric variables measurement
UF *flickermeters / power supply quality + power system measurement + voltage measurement*
UF *voltage standards / measurement standards + voltage measurement*
RT battery testers
electric potential
electrometers
potentiometers
transfer standards
voltage control
voltmeters
DEU Spannungsmessung (elektrische Größe)

voltage multipliers
SY *Cockcroft Walton rectifiers*
multipliers, voltage
RT charge pump circuits
particle accelerators
transformers
DEU Spannungsvervielfacher

voltage reference diodes
USE avalanche diodes
\+ Zener diodes

voltage references
USE reference circuits

voltage regulation
USE voltage control

voltage regulators
BT electric control equipment
SY *voltage controllers*
voltage stabilizers

RT charge pump circuits
ferroresonant circuits
voltage control
DEU Spannungsregler

voltage sags
USE power supply quality

voltage scaling (computers)
USE power aware computing

voltage spikes
USE power supply quality

voltage stabilizers
USE voltage regulators

voltage standards
USE measurement standards
+ voltage measurement

voltage transformers
USE potential transformers

voltage transients
USE transients

voltage-controlled current sources
USE active networks

voltage-controlled oscillators
BT oscillators
SY *VCO*
PT variable-frequency oscillators
RT microwave oscillators
millimetre wave oscillators
phase locked oscillators
UHF oscillators
variable-frequency oscillators
DEU spannungsgesteuerter Oszillator

voltage-controlled voltage sources
USE active networks

voltage-frequency converters
USE voltage-frequency convertors

voltage-frequency convertors
BT convertors
SY *frequency-voltage converters*
frequency-voltage convertors
V/F converters
V/F convertors
voltage-frequency converters
PT convertors
DEU Spannungs-Frequenz-Konverter
DSY Spannungs-Frequenz-Wandler

Voltametrie (chemische Analyse)
DEU for voltammetry (chemical analysis)

voltammetry (chemical analysis)
BT electrochemical analysis
PT electrochemical analysis
RT electronic tongues
polarography
DEU Voltametrie (chemische Analyse)

Volterra equations
BT integral equations
PT integral equations
RT integro-differential equations
DEU Volterra-Gleichung

Volterra filters
USE nonlinear filters

Volterra series
BT series (mathematics)
PT series (mathematics)
RT nonlinear network analysis
nonlinear systems
DEU Volterra-Reihe

Volterra-Gleichung
DEU for Volterra equations

Volterra-Reihe
DEU for Volterra series

Voltmeter
DEU for voltmeters

voltmeters
BT meters
NT digital voltmeters
SY *electric field meters*
RT ammeters
multimeters
potentiometers
voltage measurement
DEU Voltmeter

volume control
BT spatial variables control
RT size control
volume measurement
DEU Mengenregelung

volume control (gain)
USE gain control

volume diffusion
USE diffusion

volume measurement
BT spatial variables measurement
RT photoplethysmography
plethysmography
size measurement
thermal expansion measurement
volume control
DEU Volumenmessung

Volumenakustikwellengerät
DUS für bulk acoustic wave devices

Volumenmessung
DEU for volume measurement

Volumenschallwellengerät
DUS für bulk acoustic wave devices

Volumenschallwellenvorrichtung
DUS für bulk acoustic wave devices

volunteer computing
BT distributed processing
PT distributed processing
RT cloud computing
grid computing
home computing
Internet
metacomputing
middleware
DEU freiwillige Computeranwendung
DSY freiwillige Rechneranwendung

Vor-Mittel-Folge-Stern
DEU for pre-main-sequence stars

vorausschauende Wartung
DUS für preventive maintenance

Vorbestimmungstheorie
DEU for prediction theory

vorbeugende Instandhaltung
DEU for preventive maintenance

vorbeugende Unterhaltung
DUS für preventive maintenance

vorbeugende Wartung
DUS für preventive maintenance

Vorcodierung
DUS für precoding

Vordissoziation
DEU for predissociation

Vorform
DUS für preforms

vorgefertiges Bauwerk
DUS für prefabricated construction

vorgefertigtes Bauelement
DEU for prefabricated construction components

vorgefertigtes Bauteil
DUS für prefabricated construction components

Vorhersage-Korrektur-Methode
DEU for predictor-corrector methods

Vorhersagetheorie
DEU for forecasting theory

Vorionisation
DEU for preionisation

Vorkodierung
DUS für precoding

Vorkopplung
DUS für feedforward

Voronoi diagrams
USE computational geometry

Vorpressverfahren
DUS für pressing

Vorrichtung
DEU for work-holding devices

Vorsorge-Instandhaltung
DUS für preventive maintenance

Vorsorge-Instandhaltungsprogramm
DUS für preventive maintenance

Vorsorge-Wartung
DUS für preventive maintenance

Vorsorgeinstandhaltung
DUS für preventive maintenance

vorsorgende Instandhaltung
DUS für preventive maintenance

vorsorgende Wartung
DUS für preventive maintenance

vorsorgliche Wartung
DUS für preventive maintenance

Vorspanndruck
DUS für pressure

Vorstandsworkstation
DEU for executive workstations

Vorstellung
DUS für vision

Vorteiler
DUS für prescalers

vortex flow
USE vortices

vortex flow (superconductivity)
USE flux flow

vortex lattice pinning
USE flux pinning

vortex state (superconductivity)
USE mixed state

vortex structure (superconductivity)
USE flux-line lattice

vortexes
USE vortices

vortices
BT rotational flow
swirling flow
SY *enstrophy*
UF *plasma vortices / plasma flow + vortices*
SY *vortex flow*
vortexes
RT cavitation
jets
liquid helium
superfluidity
turbulence
DEU Wirbel

vortices, optical
USE optical vortices

Vortrennung
DUS für predissociation

vorübergehende Reaktion
DEU for transient response

Vorverbundkernemission
DEU for precompound nucleus emission

Vorverstärker
DEU for preamplifiers

Vorverteiler
DUS für prescalers

Vorwärtsfehlerkorrektur
DEU for forward error correction

vorwärtsgekoppelter Verstärker
DUS für feedforward amplifiers

vorwärtsgekoppeltes neuronales Netz
DUS für feedforward neural nets

Vorwärtskoppelverstärker
DUS für feedforward amplifiers

Vorwärtskopplung
DUS für feedforward

Vorwärtsverkettung
DEU for forward chaining

Vorwärtsverstärker
DUS für feedforward amplifiers

Vorwärtsverstärkungstechnologie
DUS für amplify and forward communication

VPE
USE vapour phase epitaxial growth

VPN
USE virtual private networks

VRDDO calculations
USE NDO calculations
\+ SCF calculations

VRLA
USE lead acid batteries

VRML
USE virtual reality languages

VS (virtual storage)
USE virtual storage

VSAT
USE satellite ground stations

VSAT networks
BT satellite communication
telecommunication networks
PT satellite ground stations
satellite relay systems
telecommunication networks
RT satellite antennas
satellite ground stations
DEU VSAT-Netzwerk

VSAT-Netzwerk
DEU for VSAT networks

VSB
USE system buses

VSEPR
USE orbital calculations

VTR
USE video tape recorders

vulcanisation
BT materials preparation
RT curing
elastomers
polymers
rubber
DEU Vulkanisieren

Vulkanisieren
DEU for vulcanisation

Vulkanisierpresse
DUS für presses

Vulkanologie
DEU for volcanology

VV Cep stars
USE eclipsing binary stars
\+ supergiant stars

VW Hyi stars
USE dwarf novae

VX Sgr stars
USE supergiant stars
\+ variable stars

VXIbus
USE peripheral interfaces

VY Scl stars
USE dwarf novae

W (chemical element)
USE tungsten
DEU W (chemisches Element)

W (chemisches Element)
DEU for W (chemical element)

W bosons
BT intermediate bosons
PT intermediate bosons
RT intermediate boson decay
intermediate boson interactions
intermediate boson production
DEU W-Boson

W Ser stars
USE eclipsing binary stars

W UMa stars
USE eclipsing binary stars

W Vir stars
USE variable stars

W-Boson
DEU for W bosons

W-R stars
USE Wolf-Rayet stars

W-type contact binaries
USE eclipsing binary stars

Waage
DEU for balances

Wabe (Form)
DEU for honeycomb structures

Wabenform
DUS für honeycomb structures

Wabenstruktur
DUS für honeycomb structures

Wachs
DEU for waxes

Wägen
DUS für weighing

Wägung
DUS für weighing

Wälzlager
DUS für ball bearings

Wälzlager
DEU for rolling bearings

Wärme
DUS für heat

Wärmeabfuhr
DUS für cooling

Wärmeaustauscher
DEU for heat exchangers

Wärmebeanspruchung
DEU for thermal stresses

Wärmebehandlung
DUS für heat treatment

Wärmebehandlung von Legierungen
DEU for heat treatment of alloys

Wärmebelastung
DEU for thermal pollution

Wärmebeständigkeit
DEU for thermal resistance

Wärmedämmstoff
DEU for thermal insulating materials

Wärmeenergiespeicher
DEU for thermal energy storage

Wärmeisolation (allgemein)
DEU for thermal insulation

Wärmekoppler
DUS für thermocouples

Wärmekraftmaschine
DEU for heat engines

Wärmekraftwerk
DEU for thermal power stations

Wärmeleitfähigkeit
DEU for thermal conductivity

Wärmeleitung
DEU for heat conduction

Wärmemessung
DEU for heat measurement

Wärmepumpe
DEU for heat pumps

Wärmerauschen
DUS für thermal noise

Wärmerohr
DEU for heat pipes

Wärmerückgewinnung
DEU for heat recovery

Wärmeschutzschicht
DEU for thermal barrier coatings

Wärmesenke
DEU for heat sinks

Wärmespeicher
DUS für thermal energy storage

Wärmestabilität
DUS für thermal stability

Wärmestoß
DEU for thermal shock

Wärmestrahlung
DEU for heat radiation

Wärmetauscher
DUS für heat exchangers

Wärmetechnik
DEU for thermal engineering

Wärmeübergang (Thermophysik)
DUS für radiation

Wärmeübertragung
DEU for heat transfer

Wärmeverlust
DEU for heat losses

Wärmewiderstand
DUS für thermal resistance

wafer bonding
BT integrated circuit bonding
semiconductor technology
PT integrated circuit technology
semiconductor technology
RT adhesive bonding
semiconductor-insulator boundaries
surface treatment
wafer level packaging
DEU Wafer-Bonden
DSY Waferverbindung

wafer level packaging
BT integrated circuit packaging
PT integrated circuit packaging
RT chip scale packaging
encapsulation
flip-chip devices
wafer bonding
wafer-scale integration
DEU Wafer-Montage

wafer processing (semiconductors)
USE semiconductor technology

Wafer-Bonden
DEU for wafer bonding

Wafer-Montage
DEU for wafer level packaging

wafer-scale integration
BT VLSI
SY *WSI*
PT VLSI
RT ULSI
wafer level packaging
DEU Wafer-Skalen-Integration

Wafer-Skalen-Integration
DEU for wafer-scale integration

Waferverbindung
DUS für wafer bonding

Waffe
DEU for weapons

wages
USE salaries

Wahrheitserhaltung
DEU for truth maintenance

Wahrheitsgehalt
DUS für truth maintenance

Wahrnehmung
DEU for cognition

Wahrnehmungsfehler (Optik)
DUS für vision defects

Wahrnehmungshilfe
DUS für sensory aids

Wahrscheinlichkeit
DEU for probability

Wahrscheinlichkeits-Automat
DEU for probabilistic automata

Wahrscheinlichkeitsautomat
DUS für probabilistic automata

Wahrscheinlichkeitslogik
DEU for probabilistic logic

Wahrscheinlichkeitstheorie
DUS für possibility theory

wakefield accelerators
BT collective accelerators
PT collective accelerators
RT particle accelerator accessories
plasma accelerators
plasma devices
DEU Folgefeldbeschleuniger

wakes
PT jets
nozzles
turbulence
RT jets
nozzles
turbulence
DEU Nachströmung

Waldbrand
DUS für wildfires

walking
USE gait analysis

wall-less counters
USE ionisation chambers
\+ proportional counters

wallpaper
USE paper products

walls
BT construction components
NT domain walls
magnetic domain walls
RT brick
shapes (structures)
tiles
DEU Wand

Walsh functions
BT functions
RT filtering theory
Hadamard transforms
prediction theory
signal processing
DEU Walsh-Funktion

Walsh-Funktion
DEU for Walsh functions

Walzdruckverteilung
DUS für pressure

Walzen
DEU for rolling

Walzpolieren
DUS für burnishing

Walzwerk
DEU for rolling mills

WAMS
USE power system measurement

WAN
USE wide area networks

Wand
DEU for walls

Wand einer Magnetdomäne
DUS für magnetic domain walls

Wanderwellenantenne
DEU for travelling wave amplifiers

Wanderwellenröhre
DEU for travelling wave tubes

Wandler (elektrisch)
DUS für invertors

Wang computers
BT digital computers
PT microcomputers
RT microcomputers
word processing
DEU Wang-Computer
DSY Wang-Rechner

Wang-Computer
DEU for Wang computers

Wang-Rechner
DUS für Wang computers

Wankel engines
USE rotary engines

Wannier functions
PT band theory models
RT tight-binding calculations
DEU Wannier-Funktion

Wannier ridge resonances
USE resonant states

Wannier-Funktion
DEU for Wannier functions

WAP
USE protocols

warehouse automation
BT automation
distributive data processing
RT factory automation
fork lift trucks
materials handling
storage automation
warehousing
DEU Versandhausautomatisierung
DSY Warenhausautomatisierung

warehousing
BT goods distribution
storage
NT order picking
RT facilities
warehouse automation
DEU Fertigwarenlager
DSY Lagerung (Vorratswirtschaft)
Warenhausführung

Warenabrechnung
DUS für invoicing

Warenhausautomatisierung
DUS für warehouse automation

Warenhausführung
DUS für warehousing

Warenverteilung
DUS für goods distribution

Warenverteilungsstrategie
DUS für distribution strategy

Warenwirtschaftsdatenverarbeitung
DEU for goods dispatch data processing

warm rolling
USE hot rolling

warm working
USE hot working

Warmbearbeitung
DEU for hot working

Warmbehandlung
DUS für heat treatment

Warmpresse
DUS für presses

Warmumformen
DUS für hot working

Warmwalzen
DEU for hot rolling

Warmziehpresse
DUS für presses

warning systems
USE alarm systems

Warnsystem
DUS für alarm systems

warranties
BT contracts
SY *guarantees*
RT commercial law
consumer protection
contract law
customer relationship management
failure analysis
insurance
maintenance engineering
product liability
product life cycle management
reliability
DEU Garantie
DSY Gewährleistung

Wartesystem
DEU for delay systems

Wartung
DEU for maintenance engineering

Wartungsfreundlichkeit
DEU for maintainability

Waschmaschine
DEU for washing machines

Waschmittel
DUS für detergents

washing machines
BT electrical products
machinery
PT domestic appliances
laundering
RT domestic appliances
laundering
DEU Waschmaschine

Wasser
DEU for water

Wasser-Gas-Verschiebung
DEU for water gas shift

wasserabstoßende Eigenschaft
DEU for hydrophobicity

Wasseraufbereitung
DEU for water treatment

Wasserbelastung
DUS für water pollution

Wasserbelastungskontrolle
DEU for water pollution control

Wasserbelastungsmessung
DUS für water pollution measurement

Wasserdruck
DUS für pressure

wasserdurchlässige Eigenschaft
DEU for hydrophilicity

Wassergasverschiebung
DUS für water gas shift

Wasserhaushalt
DEU for water resources

Wasserkraft
DEU for hydroelectric power

Wasserkraftgenerator
DEU for hydroelectric generators

Wasserkraftwerk
DEU for hydroelectric power stations

Wassermesser
DEU for water meters

Wasserqualität
DEU for water quality

Wasserreinhaltung
DUS für water pollution control

Wasserreinigung
DEU for water purification

Wasserreservoir
DEU for reservoirs

Wasserresourcen
DUS für water resources

Wasserspeicher
DEU for water storage

Wasserstoff
DEU for hydrogen

Wasserstoffbindung
DEU for hydrogen bonds

Wasserstoffion
DEU for hydrogen ions

Wasserstoffproduktion
DEU for hydrogen production

Wasserstoffspeicherung
DEU for hydrogen storage

Wasserstoffverbindung
DEU for hydrogen compounds

Wasserstoffversprödung
DEU for hydrogen embrittlement

Wasserstoffwirtschaft
DEU for hydrogen economy

Wasserstrahlschneiden
DEU for water jet cutting

Wasserturbine
DEU for hydraulic turbines

Wasserundurchlässigmachen
DEU for waterproofing

Wasserverschmutzungsmessung
DUS für water pollution measurement

Wasserversorgung
DEU for water supply

Wasserverunreinigungsmessung
DUS für water pollution measurement

Wasservorrat
DUS für water resources

Wasserwelle
DEU for water waves

Wasserwirtschaft
DEU for water conservation

Wasserzähler
DUS für water meters

Wasserzeichenerzeugung
DEU for watermarking

waste
BT environmental factors
NT effluents
industrial waste
radioactive waste
scrap metal
slurries
waste heat
wastewater
wastewater treatment
PT environmental factors
waste disposal
RT waste management
DEU Abfall (Müll)
DSY Müll (Abfall)

waste compaction
USE compaction
+ waste reduction

waste disposal
BT waste management
NT incineration
radioactive waste disposal
refuse disposal
RT effluents
pollution
radioactive waste
sanitary engineering
slag
waste handling
DEU Abfallbeseitigung
DSY Abfallbeseitigen
Müllbeseitigen
Müllbeseitigung

Waste Electrical and Electronic Equipment Directive
USE WEEE Directive

waste handling
BT waste management
NT sewage treatment
sludge treatment
waste handling equipment
wastewater treatment

PT waste disposal
RT waste disposal
waste reduction
DEU Abfallabwicklung
DSY Müllabwicklung
Umgang mit Abfall
Umgang mit Müll

waste handling equipment
BT waste handling
PT waste disposal
DEU Abfallbehandlungsausrüstung
DSY Abfallverarbeitungsausrüstung
Müllbehandlungsausrüstung
Müllverarbeitungausrüstung

waste heat
BT heat
waste
RT boilers
energy conservation
gas turbines
heat recovery
industrial waste
thermal pollution
DEU Abfallwärme
DSY Abwärme

waste incineration
USE incineration

waste management
BT environmental management
NT recycling
waste disposal
waste handling
waste recovery
waste reduction
waste treatment
PT environmental factors
waste disposal
RT production management
waste
DEU Abfallmanagement
DSY Müllmanagement

waste recovery
BT waste management
RT recycling
waste reduction
waste-to-energy power plants
DEU Abfallverwertung
DSY Müllverwertung

waste reduction
BT waste management
UF *waste compaction / compaction + waste reduction*
RT compaction
recycling
waste handling
waste recovery
DEU Abfallreduzierung
DSY Abfallvermeidung
Müllreduzierung
Müllvermeidung

waste treatment
BT waste management
NT wastewater treatment
DEU Abfallbehandlung
DSY Müllbehandlung

waste-to-energy power plants
BT power plants
SY *refuse incineration power plants*
PT power plants
thermal power stations
waste disposal
RT cogeneration
incineration
thermal power stations
waste recovery
DEU Abfallkraftwerk
DSY Abfallverbrennungskraftwerk
Müllkraftwerk
Müllverbrennungskraftwerk

wastewater
BT waste
RT industrial waste
microbial fuel cells
plumbing equipment
wastewater treatment
water
water pollution
water quality
DEU Industrieabwasser
DSY kommunales Abwasser
städtisches Abwasser

wastewater treatment
BT waste
waste handling
waste treatment
water treatment
PT water treatment
RT effluents
flotation (process)
ozonation (materials processing)
sewage treatment
wastewater
water conservation
water pollution control
wetlands
DEU Abwässerbehandlung

DSY Abwasseraufbereitung
Abwasserbehandlung

watches
BT clocks
PT clocks
RT consumer products
electronic products
time measurement
DEU Armbanduhr
DSY Taschenuhr
Uhr (Wächter)
Zeitmessgerät

water
BT hydrogen compounds
liquids
NT heavy water
seawater
SY *light water*
water (liquid)
RT groundwater
humidity
hydraulic control equipment
hydrodynamics
hydroelectric power stations
hydrophilicity
hydrophobicity
ice
lakes
moisture
rain
rivers
steam
wastewater
water pollution
water quality
water supply
water treatment
DEU Wasser

water (liquid)
USE water

water boilers
USE boilers

water conditioning
USE water treatment

water conservation
BT environmental management
UF *rainwater harvesting / water conservation + water storage*
UF *water recycling / recycling + water conservation*
RT wastewater treatment
water meters
water resources
water storage
DEU Wasserwirtschaft

water cooling towers
USE cooling towers

water gas shift
BT fuel gasification
PT fuel gasification
RT catalysis
chemical technology
hydrogen production
steam reforming
syngas
DEU Wasser-Gas-Verschiebung
DSY Wassergasverschiebung

water jet cutting
BT cutting
SY *abrasive water jet cutting*
PT cutting
RT jets
DEU Wasserstrahlschneiden

water meters
BT flowmeters
PT flowmeters
RT smart meters
water conservation
water supply
DEU Wassermesser
DSY Wasserzähler

water pipelines
USE pipelines

water pollution
BT pollution
NT marine pollution
river pollution
water pollution control
water pollution measurement
UF *lake pollution / lakes + water pollution*
PT chemical variables control
chemical variables measurement
RT agricultural pollution
effluents
industrial pollution
lakes
natural resources
radioactive pollution
rivers
thermal pollution
wastewater
water
water quality

water supply
water treatment
DEU Gewässerverschmutzung
DSY Wasserbelastung

water pollution control
BT pollution control
water pollution
PT water pollution detection and control
RT hydrological techniques
oceanographic techniques
wastewater treatment
water treatment
DEU Wasserbelastungskontrolle
DSY Wasserreinhaltung

water pollution measurement
BT pollution measurement
water pollution
PT water pollution detection and control
RT hydrological equipment
hydrological techniques
oceanographic equipment
oceanographic techniques
DEU Messen der Wasserverschmutzung
DSY Messen der Wasserverunreinigung
Wasserbelastungsmessung
Wasserverschmutzungsmessung
Wasserverunreinigungsmessung

water purification
USE water treatment
DEU Wasserreinigung

water quality
RT wastewater
water
water pollution
water supply
water treatment
wetlands
DEU Wasserqualität

water recycling
USE recycling
\+ water conservation

water resources
BT natural resources
NT reservoirs
PT natural resources
RT environmental management
water conservation
water storage
DEU Wasserhaushalt
DSY Wasserresourcen
Wasservorrat

water storage
BT storage
NT reservoirs
UF *rainwater harvesting / water conservation + water storage*
UF *water tanks / tanks (containers) + water storage*
RT tanks (containers)
water conservation
water resources
DEU Wasserspeicher

water supply
BT public utilities
NT dams
RT civil engineering
cooling towers
critical infrastructures
hydroelectric power stations
hydrology
irrigation
lakes
natural resources
pipelines
plumbing equipment
pumping plants
pumps
reservoirs
water
water meters
water pollution
water quality
DEU Wasserversorgung

water tanks
USE tanks (containers)
\+ water storage

water treatment
NT desalination
wastewater treatment
SY *treatment, water*
water conditioning
water purification
RT aquaculture
deaeration
ozonation (materials processing)
reverse osmosis
sanitary engineering
sedimentation
sterilisation (microbiological)
water
water pollution
water pollution control
water quality

DEU Wasseraufbereitung

water treeing
USE trees (electrical)

water waves
BT liquid waves
NT ocean waves
PT liquid waves
RT fluid oscillations
hydrodynamics
surface waves (fluid)
DEU Wasserwelle

watermarking
BT copy protection
NT audio watermarking
image watermarking
video watermarking
SY *digital watermarking*
PT copy protection
RT audio coding
copyright
data compression
data encapsulation
image coding
security of data
steganography
video coding
DEU Wasserzeichenerzeugung

waterproofing
SY *damp proofing*
RT bitumen
building materials
civil engineering
coating techniques
construction
geotechnical engineering
geotechnical structures
membranes
rubber
sealing materials
textile technology
DEU Wasserundurchlässigmachen

waterways (inland)
USE canals
\+ lakes
\+ rivers

watthour meters
BT metering
meters
RT automatic meter reading
power measurement
power meters
smart meters
DEU Elektrizitätszähler
DSY Elektrozähler
Stromverbrauchszähler
Stromzähler

Wattmeter
DEU for wattmeters

wattmeters
BT metering
meters
RT power measurement
power meters
volt-ampere meters
DEU Wattmeter

wave analysers
SY *wave analyzers*
RT Fourier analysis
spectral analysers
transient analysers
DEU Wellenanalysator

wave analyzers
USE wave analysers

wave digital filters
BT digital filters
PT digital filters
RT digital arithmetic
quadrature mirror filters
signal processing
DEU Wellendigitalfilter

wave equations
BT partial differential equations
NT Dirac equation
Helmholtz equations
Korteweg-de Vries equation
Schrodinger equation
sine-Gordon equation
RT wave mechanics
DEU Wellengleichung

wave functions
BT wave mechanics
RT Berry phase
eigenvalues and eigenfunctions
perturbation theory
quantum chemistry
DEU Wellenfunktion (Quantenphysik)

wave mechanics
BT mechanics
quantum theory
NT wave functions
SY *de Broglie waves*
RT differential equations
many-body problems

wave equations
DEU Wellenmechanik (Quantenphysik)

wave mixing (optical)
USE multiwave mixing

wave optics
USE physical optics

wave power generation
BT electric power generation
PT electric power generation
RT hydroelectric power
hydroelectric power stations
ocean waves
renewable energy sources
wave power plants
DEU Wellenkraftenergieerzeugung

wave power plants
BT power plants
PT wave power generation
RT offshore installations
wave power generation
DEU Wellenkraftwerk

wave propagation
NT acoustic wave propagation
electromagnetic wave propagation
SY *propagation, wave*
PT waves
RT diffraction
Helmholtz equations
reflection
refraction
scattering
size effect
waves
DEU Wellenausbreitung

wave scattering
USE scattering

wave soldering
BT soldering
PT soldering
RT assembling
printed circuit manufacture
surface mount technology
DEU Schwalllöten

wave-plates
USE optical retarders

waveform analysis
NT Fourier analysis
spectral analysis
RT harmonic analysis
waveform generators
DEU Wellenformanalyse
DSY Wellenprofilanalyse

waveform generators
BT function generators
NT square-wave generators
time bases
SY *sawtooth generators*
sinewave generators
sinusoidal generators
triangular wave generators
PT function generators
RT analogue circuits
waveform analysis
DEU Wellenformengenerator
DSY Wellenprofilgenerator

waveform relaxation
USE iterative methods

wavefront aberrations
USE aberrations

wavefront compensation
USE adaptive optics

wavefront reversal (optical)
USE optical phase conjugation

wavefront sensors
BT optical sensors
SY *Hartmann-Shack sensors*
PT adaptive optics
RT adaptive optics
astronomical techniques
CCD image sensors
light interferometers
mirrors
optical variables measurement
DEU Wellenfrontsensor

wavefront-reconstruction imaging
USE holography

waveguide antenna arrays
BT microwave antenna arrays
waveguide antennas
NT microstrip antenna arrays
slot antenna arrays
PT microwave antenna arrays
waveguide antennas
DEU Wellenleiterantennenfeld

waveguide antennas
BT microwave antennas
NT horn antennas
microstrip antennas

slot antennas
waveguide antenna arrays
PT antennas
RT aperture antennas
leaky wave antennas
nonradiative dielectric waveguides
DEU Wellenleiterantenne

waveguide attenuators
BT attenuators
waveguide components
RT optical attenuators
DEU Wellenleiterabschwächung

waveguide bends
USE waveguide discontinuities

waveguide components
NT circulators
coplanar waveguide components
fin line components
optical waveguide components
power combiners
power dividers
slot line components
strip line components
waveguide attenuators
waveguide couplers
waveguide filters
waveguide polarisers
RT antenna feeds
baluns
conformal mapping
dielectric resonators
ferrite devices
magnetic microwave devices
magnetic millimetre wave devices
microwave filters
microwave isolators
microwave limiters
MMIC
resonators
waveguides
DEU Wellenleiterkomponente

waveguide connectors
USE waveguide couplers

waveguide couplers
BT waveguide components
NT acoustic couplers
directional couplers
optical couplers
strip line couplers
SY *couplers (waveguide)*
junctions, waveguide
waveguide connectors
waveguide joints
RT coupled circuits
electromagnetic coupling
millimetre wave couplers
submillimetre wave couplers
UHF couplers
waveguide junctions
waveguide transitions
DEU Wellenleiterkoppler

waveguide discontinuities
BT waveguides
NT strip line discontinuities
waveguide junctions
SY *waveguide bends*
PT waveguide theory
RT S-parameters
waveguide theory
waveguide transitions
DEU Wellenleiterdiskontinuität
DSY Wellenleiterunterbrechung

waveguide filters
BT filters
waveguide components
NT optical waveguide filters
strip line filters
PT microwave filters
waveguide components
RT cavity resonator filters
dielectric resonator filters
microwave filters
millimetre wave filters
resonator filters
substrate integrated waveguides
UHF filters
DEU Wellenleiterfilter

waveguide joints
USE waveguide couplers

waveguide junctions
BT waveguide discontinuities
PT waveguide couplers
waveguide discontinuities
RT waveguide couplers
DEU Wellenleiterkreuzung
DSY Wellenleiterverbindung

waveguide lasers
BT lasers
optical waveguides
NT fibre lasers
SY *channel waveguide lasers*
planar waveguide lasers
RT gas lasers
integrated optics
optical planar waveguides
semiconductor lasers

solid lasers
DEU Wellenleiterlaser

waveguide polarisers
BT waveguide components
PT waveguide components
RT circular waveguides
electromagnetic wave polarisation
integrated optics
light polarisation
optical polarisers
optical waveguide components
optical waveguides
DEU Wellenleiterpolarisierer

waveguide theory
NT optical waveguide theory
SY *guided electromagnetic wave propagation*
PT guided electromagnetic wave propagation
RT chirowaveguides
conformal mapping
impedance matrix
method of lines
microstrip discontinuities
modal analysis
mode matching
parallel plate waveguides
spectral-domain analysis
strip line discontinuities
waveguide discontinuities
waveguide transitions
waveguides
DEU Wellenleitertheorie

waveguide transitions
BT waveguides
NT strip line transitions
RT microwave integrated circuits
waveguide couplers
waveguide discontinuities
waveguide theory
DEU Wellenleiterübergang

waveguides
NT acoustic waveguides
chirowaveguides
circular waveguides
coaxial waveguides
coplanar waveguides
dielectric waveguides
dielectric-loaded waveguides
electron waveguides
ferrite waveguides
ferrite-loaded waveguides
fin lines
helical waveguides
parallel plate waveguides
planar waveguides
plasma filled waveguides
rectangular waveguides
rib waveguides
slot lines
strip lines
substrate integrated waveguides
waveguide discontinuities
waveguide transitions
SY *groove guides*
RT antenna accessories
antennas
coaxial cables
Earth-ionosphere waveguide
gyrators
impedance matching
microwave devices
microwave technology
millimetre wave devices
telecommunication links
transmission lines
waveguide components
waveguide theory
DEU Wellenleiter

wavelength allocation
USE wavelength assignment

wavelength assignment
SY *wavelength allocation*
RT channel allocation
optical fibre networks
telecommunication network routing
wavelength division multiplexing
DEU Frequenzzuordnung
DSY Frequenzzuweisung
Wellenlängenzuweisung

wavelength division multiplexing
BT multiplexing
SY *dense wavelength division multiplexing*
DWDM
WDM
PT frequency division multiplexing
RT arrayed waveguide gratings
channel spacing
frequency division multiplexing
optical burst switching
optical communication
optical transceivers
optical wavelength conversion
passive optical networks
wavelength assignment
DEU Wellenlängenmultiplex

wavelet neural nets
BT neural nets
PT neural nets
wavelet transforms
RT feedforward neural nets
wavelet transforms
DEU waveletbasiertes neuronales Netz

wavelet transforms
BT transforms
NT discrete wavelet transforms
PT transforms
RT audio watermarking
curvelet transforms
data compression
encoding (general)
filtering theory
image fusion
image processing
inverse transforms
iris recognition
pattern recognition
prediction theory
signal processing
time-frequency analysis
wavelet neural nets
DEU Wavelet-Transformation

Wavelet-Transformation
DEU for wavelet transforms

waveletbasiertes neuronales Netz
DEU for wavelet neural nets

wavemeters
BT meters
RT frequency meters
high-frequency transmission line measurement
microwave measurement
DEU Wellenmesser

waves
NT charge density waves
elastic waves
electromagnetic waves
gravitational waves
gravity waves
liquid waves
magnetohydrodynamic waves
magnetostatic waves
plasma waves
Rossby waves
space charge waves
spin density waves
spin waves
surface waves (fluid)
RT oscillations
wave propagation
DEU Welle (Physik)

waxes
BT chemical products
materials
PT materials
RT insulating coatings
organic compounds
organic insulating materials
DEU Wachs

waxing
USE polishing

WC stars
USE Wolf-Rayet stars

WC-oxygen VI stars
USE Wolf-Rayet stars

WC10 stars
USE planetary nebulae
\+ Wolf-Rayet stars

WC11 pn nuclei
USE planetary nebulae
\+ Wolf-Rayet stars

WC11[ ] stars
USE planetary nebulae
\+ Wolf-Rayet stars

WCN stars
USE planetary nebulae
\+ Wolf-Rayet stars

WDM
USE wavelength division multiplexing

weak ferromagnetism
BT magnetism
PT antiferromagnetic properties of substances
antiferromagnetism
RT antiferromagnetic materials
canted spin arrangements
Morin temperature
DEU schwacher Ferromagnetismus

weak G-band stars
USE giant stars

weak hadronic decays
BT nonleptonic decays
weak particle decay
PT nonleptonic decays
RT baryon hadronic decay

meson hadronic decay
DEU schwacher hadronischer Zerfall

weak interactions (atomic physics)
SY *P invariance (atoms)*
parity nonconservation (atoms)
PT neutral currents
P invariance
parity
RT charged currents
neutral currents
P invariance
parity
DEU schwache Wechselwirkung (Atomphysik)

weak interactions (molecular physics)
SY *P invariance (molecules)*
parity nonconservation (molecules)
PT neutral currents
P invariance
parity
RT charged currents
neutral currents
P invariance
parity
DEU schwache Wechselwirkung (Molekularphysik)

weak interactions, elementary particle
USE elementary particle weak interactions

weak links, superconducting
USE superconducting junction devices

weak localisation
BT localised states
quantum interference phenomena
SY *weak localization*
PT quantum interference phenomena
RT magnetoresistance
spin-orbit interactions
surface states
DEU schwache Lokalisation

weak localization
USE weak localisation

weak particle decay
BT elementary particle decay
NT weak hadronic decays
PT elementary particle decay
DEU schwacher Partikelzerfall
DSY schwacher Teilchenzerfall

weakly interacting massive particles
USE hypothetical particles

weapons
NT missiles
SY *artillery*
UF *bullets (weapons) / projectiles + weapons*
SY *cannon*
guns
howitzers
mines (weapons)
mortars (weapons)
UF *SDI (weapon systems) / military systems + missiles + weapons*
PT military systems
RT defence industry
explosive detection
fuzes (detonation)
landmine detection
military equipment
national security
nuclear explosions
projectiles
rockets
terrorism
DEU Waffe

wear
BT mechanical properties
tribology
NT abrasion
wear resistance
SY *cavitation erosion*
UF *contact fatigue / fatigue + wear*
SY *fretting*
RT ball bearings
braking
failure analysis
friction
grinding
hardness
lubrication
microhardness
seizure
wear testing
DEU Verschleiß

wear resistance
BT wear
PT wear
RT durability
wear resistant coatings
DEU Abriebfestigkeit
DSY Verschleißfestigkeit
Verschleißwiderstand

wear resistant coatings
BT protective coatings
PT protective coatings
wear
RT thermal spraying
wear resistance
DEU abriebfeste Beschichtung
DSY verschleißfeste Beschichtung

wear testing
BT materials testing
mechanical testing
PT materials testing
mechanical testing
RT wear
DEU Abriebprüfung
DSY Abriebtest
Verschleißprüfung
Verschleißtest

wear, abrasive
USE abrasion

wearable antennas
BT antennas
RT antenna radiation patterns
microstrip antennas
mobile antennas
UHF antennas
DEU Bekleidungsantenne

wearable computers
BT portable computers
PT portable computers
RT mobile computing
ubiquitous computing
DEU Bekleidung mit integrierter Elektronik
DSY intelligente Bekleidung

weather
USE meteorology

weather forecasting
BT meteorology
PT atmospheric techniques
meteorology
RT atmospheric techniques
meteorological radar
DEU Wettervorhersage

weather modification
BT meteorology
UF *seeding (clouds) / atmospheric precipitation* + *clouds* + *weather modification*
PT meteorology
DEU Wetterveränderung

weather radar
USE meteorological radar

weathering, materials
USE environmental degradation

weathering, rocks
USE erosion

weaving
BT textile technology
RT sizing (materials processing)
DEU Weben

Web 2.0
USE Internet

Web browsers
USE online front-ends

Web design
BT design
Web sites
SY *Web site design*
PT information resources
RT authoring systems
content management
hypermedia
user interfaces
DEU Web-Design

Web filters
USE information filters

Web Ontology Language
USE knowledge representation languages

Web portals
USE portals

Web servers
USE file servers
\+ Internet

Web Service (Geschäftprozessausführung)
DEU for Web Services Business Process Execution Language

Web services
BT Internet
PT Internet
RT client-server systems
cloud computing
protocols
service-oriented architecture
standards

Web Services Business Process Execution Language
XML
DEU Web-Service

Web Services Business Process Execution Language
BT specification languages
SY *BPEL*
Business Process Execution Language
WS-BPEL
PT specification languages
RT business data processing
formal specification
service-oriented architecture
software standards
Web services
XML
DEU Web Service (Geschäftprozessausführung)
DSY Web-Service-Geschäftsprozesssprache

Web site design
USE Web design

Web sites
BT information resources
NT social networking (online)
Web design
SY *blogs*
Weblogs
wikis
UF *World Wide Web / Internet + Web sites*
PT information resources
RT content management
digital preservation
portals
DEU Web-Site

Web-Design
DEU for Web design

Web-Service
DEU for Web services

Web-Service-Geschäftsprozesssprache
DUS für Web Services Business Process Execution Language

Web-Site
DEU for Web sites

Weben
DEU for weaving

Weblogs
USE Web sites

Wechelstrom-Generator
DUS für AC generators

Wechselkursverhältnis
DUS für parity

Wechseln
DUS für switching

Wechselrichter
DUS für invertors

Wechselspannungsgenerator
DUS für AC generators

Wechselstrom-Gleichstrom-Konverter
DUS für AC-DC power convertors

Wechselstrom-Gleichstrom-Wandler
DUS für AC-DC power convertors

Wechselstrom-Gleichstromkonverter
DUS für AC-DC power convertors

Wechselstrom-Gleichstromwandler
DUS für AC-DC power convertors

Wechselstromantriebsmotor
DEU for AC motor drives

Wechselstromantrieb
DUS für AC motor drives

Wechselstromfahrzeuggenerator
DUS für AC generators

Wechselstromgenerator
DEU for AC generators

Wechselstromgeneratorsystem
DUS für AC generators

Wechselstromkonverter
DUS für AC-AC power convertors

Wechselstromleistungskonverter
DUS für AC-AC power convertors

Wechselstromleistungswandler
DUS für AC-AC power convertors

Wechselstrommaschine
DEU for AC machines

Wechselstrommotor
DUS für AC motors

Wechselstrommotorantrieb
DUS für AC motor drives

Wechselstrommotorschutz
DUS für AC motor protection

Wechselstrommotor
DUS für AC motor drives

Wechselstromwandler
DUS für AC-AC power convertors

Wechselwirkung der Konfiguration
DUS für configuration interactions

Wechselwirkung Elementarpartkel-Gravitation
DEU for elementary particle gravitational interactions

Wechselwirkung Elementarteilchen-Gravitation
DUS für elementary particle gravitational interactions

Wechselwirkung hochenergetischer Elementarpartikel
DEU for high-energy elementary particle interactions

Wechselwirkung hochenergetischer Elementarteilchen
DUS für high-energy elementary particle interactions

Wechselwirkung hochenergetischer kosmischer Strahlung
DEU for high-energy cosmic ray interactions

Wechselwirkung kosmischer Strahlung
DUS für cosmic ray interactions

wedges (shapes)
USE shapes (structures)

WEEE Directive
BT environmental legislation
SY *Waste Electrical and Electronic Equipment Directive*
PT environmental factors
legislation
RT electrical products
electronic equipment manufacture
electronic products
electronics industry
recycling
DEU WEEE-Direktive

WEEE-Direktive
DEU for WEEE Directive

Wegplanung
DUS für path planning

Weibel type instabilities
USE plasma instability

Weibull distribution
BT statistical distributions
RT failure analysis
Monte Carlo methods
random processes
reliability
statistical analysis
statistics
DEU Weibull-Verteilung

Weibull-Verteilung
DEU for Weibull distribution

weiche Materie
DEU for soft matter

weicher Stoff
DUS für soft matter

weiches Material
DUS für soft matter

Weichmachen
DUS für softening

weichmagnetischer Werkstoff
DEU for soft magnetic materials

weighing
BT mass measurement
UF *gravimetry / density measurement + weighing*
SY *weight measurement*
RT balances
pressure
weight control
DEU Abwiegen
DSY Wägen
Wägung
Wiegen

weighing machines
USE balances

weight control
BT mechanical variables control
PT weighing
RT weighing
DEU Gewichtskontrolle

weight measurement
USE weighing

weight, atomic
USE atomic mass

weight, molecular
USE molecular weight

weightlessness experiments
USE zero gravity experiments

Weinberg model
BT unified gauge models
SY *Salam-Weinberg model*
PT unified field theories
RT charged currents
electroweak theories
elementary particle
electromagnetic interactions
elementary particle interaction models
elementary particle weak interactions
intermediate bosons
neutral currents
spontaneous symmetry breaking
DEU Weinberg-Modell

Weinberg-Modell
DEU for Weinberg model

Weinindustrie
DEU for wine industry

Weissenberg cameras
USE cameras
\+ X-ray apparatus
\+ X-ray crystallography

weißer Zwerg
DEU for white dwarfs

weißes Laserlicht
DUS für supercontinuum generation

weißes Rauschen
DEU for white noise

Weiterbildung
DUS für continuing education
further education

Weiterbildungskurs
DUS für educational courses

Weizsacker term
USE atomic structure
\+ molecular electronic states

welding
BT joining processes
NT braze welding
butt welding
electric welding
electron beam welding
forge welding
friction welding
fusion welding
laser beam welding
oxy-fuel welding
plasma welding
robotic welding
ultrasonic welding
RT bonding processes
diffusion bonding
fasteners
welding equipment
welds
DEU Schweißen

welding electrodes
BT electrodes
welding equipment
PT arc welding
electrodes
RT electric welding
DEU Schweißelektrode

welding equipment
BT production equipment
NT welding electrodes
RT arc welding
welding
DEU Schweißausrüstung

welding robots
USE robotic welding

welds
PT welding
RT brazing
filler metals
joining materials

welding
DEU Schweißnaht
DSY Schweißung

welfare
USE public administration

well drilling
USE drilling (geotechnical)

well logging
BT geophysical techniques
recording
PT geophysical prospecting
geophysical techniques
RT geophysical prospecting
oil drilling
seismology
terrestrial electricity
DEU Bohrlochmessung

Welle (Antrieb)
DEU for shafts

Welle (Maschine)
DUS für shafts

Welle (Physik)
DEU for waves

Wellenaberration
DUS für aberrations

Wellenanalysator
DEU for wave analysers

Wellenausbreitung
DEU for wave propagation

Wellendigitalfilter
DEU for wave digital filters

Wellenformanalyse
DEU for waveform analysis

Wellenformengenerator
DEU for waveform generators

Wellenfrontaberration
DUS für aberrations

Wellenfrontsensor
DEU for wavefront sensors

Wellenfunktion (Quantenphysik)
DEU for wave functions

Wellenglättungsfilter
DUS für equiripple filters

Wellengleichung
DEU for wave equations

Wellenkraftenergieerzeugung
DEU for wave power generation

Wellenkraftwerk
DEU for wave power plants

Wellenlängenmultiplex
DEU for wavelength division multiplexing

Wellenlängenzuweisung
DUS für wavelength assignment

Wellenleiter
DEU for waveguides

Wellenleiterabschwächung
DEU for waveguide attenuators

Wellenleiterantenne
DEU for waveguide antennas

Wellenleiterantennenfeld
DEU for waveguide antenna arrays

Wellenleiterdiskontinuität
DEU for waveguide discontinuities

Wellenleiterfilter
DEU for waveguide filters

Wellenleiterkomponente
DEU for waveguide components

Wellenleiterkoppler
DEU for waveguide couplers

Wellenleiterkreuzung
DEU for waveguide junctions

Wellenleiterlaser
DEU for waveguide lasers

Wellenleitermatrixgitter
DEU for arrayed waveguide gratings

Wellenleiterpolarisierer
DEU for waveguide polarisers

Wellenleitertheorie
DEU for waveguide theory

Wellenleiterübergang
DEU for waveguide transitions

Wellenleiterunterbrechung
DUS für waveguide discontinuities

Wellenleiterverbindung
DUS für waveguide junctions

Wellenmechanik (Quantenphysik)
DEU for wave mechanics

Wellenmesser
DEU for wavemeters

Wellenplatte
DUS für optical retarders

Wellenprofilanalyse
DUS für waveform analysis

Wellenprofilgenerator
DUS für waveform generators

Wellenrichtpresse
DUS für presses

Wellenstrahl
DEU for undulator radiation

Wellenstrahlung
DUS für undulator radiation

Welligkeitsfilter
DUS für equiripple filters

Weltraumenergieerzeugung
DEU for space power generation

Weltraumhalteseil
DUS für space tethers

Weltraumhaltestrick
DUS für space tethers

Weltraumkommunikationsverbindung
DUS für space communication links

Weltraumkraftwerk
DUS für space vehicle power plants

Weltraummüll
DEU for space debris

Weltraumradar
DUS für spaceborne radar

Weltraumseil
DUS für space tethers

Weltraumsicherungsleine
DUS für space tethers

Weltraumstromerzeugung
DUS für space power generation

Weltraumtelemetrie
DEU for space telemetry

Weltraumtrümmer
DUS für space debris

Wendelantenne
DEU for helical antennas

Wendelleiter
DEU for helical waveguides

Wentzel-Kramers-Brillouin calculations
USE WKB calculations

Werbung
DUS für advertising

Werbung (Marketing)
DUS für promotion (marketing)

Werbungsdatenverarbeitung
DEU for advertising data processing

Werkstatt-Terminplanung
DUS für job shop scheduling

Werkstattablaufplanung
DUS für job shop scheduling

Werkstattsteuerung
DUS für flow shop scheduling

Werkstoff
DEU for materials

Werkstoff für Phasenumwandlung
DUS für phase change materials

Werkstoffaufbereitung
DEU for materials preparation

Werkstoffbearbeitung
DUS für materials handling

Werkstoffbearbeitung (Mikrowelle)
DUS für microwave materials processing

Werkstoffbearbeitung
DEU for materials properties

Werkstoffhandhabetechnik
DUS für materials handling equipment

Werkstoffhandhabung
DUS für materials handling

Werkstoffprüfung
DUS für materials testing

Werkstoffwissenschaft
DEU for materials science

werkstoffwissenschaftliche Computeranwendung
DUS für materials science computing

werkstoffwissenschaftliche Rechneranwendung
DUS für materials science computing

Werkzeug
DUS für instruments

Werkzeugmaschine
DEU for machine tools

Werkzeugmaschinenindustrie
DUS für machinery production industries

Werkzeugmaschinenspindel
DEU for machine tool spindles

Werkzeugstahl
DEU for tool steel

Werkzeug
DEU for tools

Werterhöhung
DEU for value engineering

Wertpapierbörse
DEU for stock markets

Wertpapierhandel
DUS für securities trading

Wertung
DUS für appraisal

wetlands
SY *constructed wetlands*
RT ecology
hydrology
lakes
land cover
rivers
vegetation
wastewater treatment
water quality
DEU Kläranlage

wettability
USE wetting

Wetterveränderung
DEU for weather modification

Wettervorhersage
DEU for weather forecasting

wetting
BT surface phenomena
SY *moistening*
spreading
wettability
RT adhesion
adsorption
capillarity
contact angle
cooling
hydrophilicity
hydrophobicity
surface phase transformations
DEU Benetzung

wheelchairs
PT handicapped aids
RT electric vehicles
handicapped aids
DEU Krankenfahrstuhl

wheels
BT mechanical products
NT flywheels
RT automotive components
axles
discs (structures)
flanges
machine components
sprockets
steering systems
tyres
DEU Rad

Whisker (Kristall)
DEU for whiskers (crystal)

whisker reinforced composites
USE fibre reinforced composites

whiskers (crystal)
BT crystals
SY *crystal whiskers*
RT crystal growth
point contacts
DEU Whisker (Kristall)

whispering gallery modes
BT electromagnetic waves
RT dielectric resonators
laser modes
microcavities
DEU Flüstermodus

Whistler
DUS für whistlers

whistlers
BT electromagnetic waves
radiofrequency interference
PT atmospherics
ionosphere
RT atmospherics
ionospheric electromagnetic wave propagation
magnetospheric electromagnetic wave propagation
DEU Pfeife
DSY Pfeifen
Pfeifpunkt
Pfeifwelle
Pfiff
Whistler

white dwarfs
BT stars
UF *AM CVn stars / cataclysmic binary stars + white dwarfs*
UF *AM Her stars / cataclysmic binary stars + white dwarfs + X-ray binary stars*
SY *DA stars*
UF *DAV stars / variable stars + white dwarfs*
SY *DB stars*
UF *DB-type variables / variable stars + white dwarfs*
SY *DC stars*
DH stars
DO stars
UF *DOV stars / variable stars + white dwarfs*
SY *DP stars*
UF *DQ Her stars / cataclysmic binary stars + white dwarfs*
SY *DQ stars*
DS stars
UF *DV stars / variable stars + white dwarfs*
SY *DX stars*
DZ stars
UF *GP Com stars / cataclysmic binary stars + white dwarfs*
UF *helium cataclysmic binary stars / cataclysmic binary stars + white dwarfs*
UF *intermediate polars / cataclysmic binary stars + white dwarfs + X-ray binary stars*
UF *PG 1159-035 stars / variable stars + white dwarfs*
UF *polars / cataclysmic binary stars + white dwarfs + X-ray binary stars*
UF *pulsating DB white dwarfs / variable stars + white dwarfs*
UF *twin degenerate interacting binary stars / cataclysmic binary stars + white dwarfs*
UF *UX UMa stars / cataclysmic binary stars + eclipsing binary stars + white dwarfs*
UF *V411 Tau stars / variable stars + white dwarfs*
UF *X-ray pulsars / neutron stars + white dwarfs + X-ray binary stars*
UF *ZZ Cet stars / variable stars + white dwarfs*
PT stars
RT dwarf novae
dwarf stars
ultraviolet sources (astronomical)
DEU weißer Zwerg

white goods
USE domestic appliances

white noise
BT radiofrequency interference
random noise
NT AWGN (additive white Gaussian noise)
RT jamming
DEU weißes Rauschen

wholesale data processing
BT marketing data processing
PT administrative data processing
DEU Großhandeldatenverarbeitung

Wi-Fi
USE wireless LAN

Wickel
DEU for windings

Wickelverfahren
DEU for winding (process)

Wicklung
DUS für machine windings
windings

wide area measurement systems
USE power system measurement

wide area networks
BT computer networks
NT information networks
UF *information highways / information networks + internetworking + wide area networks*
UF *information infrastructure / information networks + internetworking + wide area networks*
SY *WAN*
PT computer networks
RT frame relay
internetworking
LAN interconnection
local area networks
token networks
virtual private networks
DEU Wide-Area-Netz

wide band gap semiconductors
BT semiconductor materials
semiconductors
RT diamond
energy gap
DEU Breitbandlückenhalbeiter
DSY Breitbandlückenhalbleiter
Halbleiter mit großer Energielücke
Halbleitermaterial mit großer Energielücke
Halbleiterwerkstoff mit großer Energielücke

Wide-Area-Netz
DEU for wide area networks

wideband amplifiers
BT amplifiers
SY *broadband amplifiers*
RT distributed amplifiers
travelling wave amplifiers
DEU Breitbandverstärker

wideband antennas
USE broadband antennas

wideband networks
USE broadband networks

Widerstand
DEU for resists

Widerstand (Bauelement)
DEU for resistors

Widerstandserwärmung
DEU for resistance heating

Widerstandsmessbrücke
DUS für ohmmeters

Widerstandsmessgerät
DUS für ohmmeters

Widerstandsmessung (allgemein)
DEU for resistance measurement

Widerstandsmessung (elektrische Größe)
DEU for electric resistance measurement

Widerstandsmessung (elektrische Größe)
DUS für electrical conductivity measurement

Widerstandsofen
DEU for resistance furnaces

Widerstandsschweißen
DEU for resistance welding

Widerstandsthermometer
DEU for resistance thermometers

Widerstandswert (elektrisch)
DEU for electric resistance

Widmanstättensches Gefüge
DEU for Widmanstatten structure

Widmanstatten structure
BT crystal microstructure
PT precipitation
RT precipitation
DEU Widmanstättensches Gefüge

Wiedemann effect
BT electromagnetism
DEU Wiedemann-Effekt

Wiedemann-Effekt
DEU for Wiedemann effect

Wiedemann-Franz law
BT Lorenz number
PT Lorenz number
DEU Wiedemann-Franz-Gesetz

Wiedemann-Franz-Gesetz
DEU for Wiedemann-Franz law

Wiederaufbereitungsanlage (Kernbrennstoff)
DUS für nuclear fuel cycle facilities

Wiedergabe (Computergrafik)
DUS für rendering (computer graphics)

Wiedergabe (Computergraphik)
DUS für rendering (computer graphics)

Wiedergabe (Rechnergrafik)
DUS für rendering (computer graphics)

Wiedergabe (Rechnergraphik)
DUS für rendering (computer graphics)

wiederkehrendes neuronales Netz
DUS für recurrent neural nets

Wiegen
DUS für weighing

Wien effect
BT electrical conductivity
DEU Wien-Effekt

Wien-Effekt
DEU for Wien effect

Wiener Entwicklungsmethode
DEU for Vienna development method

Wiener filters
BT filters
PT filtering and prediction theory
RT adaptive filters
digital filters
filtering theory
image processing
signal processing
DEU Wiener-Filter

Wiener Hopf theory
USE integral equations

Wiener processes
USE stochastic processes

Wiener-Filter
DEU for Wiener filters

Wiggler
DEU for wigglers

wigglers
BT beam handling equipment
SY *undulators*
PT beam handling equipment
RT electromagnets
free electron lasers
laser accessories
permanent magnets
DEU Wiggler

Wightman field theory
BT axiomatic field theory
PT axiomatic field theory
DEU Wightman-Feldtheorie

Wightman-Feldtheorie
DEU for Wightman field theory

Wigner coefficients
USE Clebsch-Gordan coefficients

Wigner crystal
BT localised states
SY *Wigner lattice*
PT localised electron states
RT electron gas
metal-insulator transition
DEU Wigner-Kristall

Wigner distribution
BT statistical distributions
RT random processes
statistical analysis
statistics
DEU Wigner-Verteilung

Wigner lattice
USE Wigner crystal

Wigner-Kristall
DEU for Wigner crystal

Wigner-Verteilung
DEU for Wigner distribution

wikis
USE Web sites

wildfires
BT fires
PT fires
RT combustion
disasters
emergency management
flames
remote sensing
smoke
vegetation
DEU Brandrodung
DSY Feuer
Feuer in freier Natur
Waldbrand

Wilson cloud chambers
USE cloud chambers

WiMax
BT metropolitan area networks
radio networks
SY *IEEE 802.16 networks*
PT broadband networks
metropolitan area networks
radio access networks
RT 4G mobile communication
broadband networks
radio access networks
DEU IEEE802.16-Netz
DSY WiMax-Netz

WiMax-Netz
DUS für WiMax

WIMPs (particles)
USE hypothetical particles

winches
BT materials handling equipment
RT lifting equipment
DEU Kurbel
DSY Winde

Winchester discs
USE hard discs

wind
BT atmospheric movements
SY *atmospheric wind*
RT anemometers
anemometry
monsoons
DEU Wind (allgemein)

Wind (allgemein)
DEU for wind

wind energy
USE wind power

wind farms
USE wind power plants

wind power
BT renewable energy sources
SY *wind energy*
PT energy resources
RT wind power plants
wind turbines
DEU Windenergie
DSY Windkraft

wind power plants
BT power plants
UF *offshore wind farms / offshore installations + wind power plants*
SY *wind farms*
PT power plants
RT hybrid power systems
offshore installations
wind power
wind turbines
DEU Windkraftwerk

wind tunnels
BT aerospace test facilities
SY *tunnels, wind*
RT aerodynamics
aerospace simulation
aircraft testing
supersonic flow
DEU Windkanal

wind turbines
BT turbines
SY *Darrieus turbines*
PT turbines
RT hybrid power systems
wind power
wind power plants
DEU Windkraftturbine
DSY Windturbine

Winde
DUS für hoists
winches

Windenergie
DEU for wind power

winding (process)
BT materials handling
PT manufacturing processes
DEU Wickelverfahren

windings
NT machine windings
transformer windings
RT coils
magnetic circuits
DEU Wickel
DSY Wicklung

Windkanal
DEU for wind tunnels

Windkraft
DUS für wind power

Windkraftturbine
DEU for wind turbines

Windkraftwerk
DEU for wind power plants

Windmesser
DUS für anemometers

window coatings
USE optical windows
\+ solar control films

windowing
USE integrated software
\+ multiprogramming
\+ user interfaces

windows (computers)
USE user interfaces

windows (construction)
BT construction components
manufactured products
UF *windscreen wipers / automotive components + cleaning + optical windows + windows (construction)*
UF *windscreens / aerospace materials + automotive components + optical windows + windows (construction)*
UF *windshield wipers / automotive components + cleaning + optical windows + windows (construction)*
UF *windshields / aerospace materials + automotive components + optical windows + windows (construction)*
RT glass products
handles
keys (locking)
optical windows
vents (mechanical components)
DEU Fenster (Bauelement)

windows, acoustic
USE acoustic materials

windows, optical
USE optical windows

windscreen wipers
USE automotive components
\+ cleaning
\+ optical windows
\+ windows (construction)

windscreens
USE aerospace materials
\+ automotive components
\+ optical windows
\+ windows (construction)

windshield wipers
USE automotive components
\+ cleaning
\+ optical windows
\+ windows (construction)

windshields
USE aerospace materials
\+ automotive components
\+ optical windows
\+ windows (construction)

Windturbine
DUS für wind turbines

Windungsgrenze
DUS für twist boundaries

wine
USE beverages

wine industry
BT beverage industry
PT beverage industry
RT breweries
brewing industry
fermentation
wineries
DEU Weinindustrie

wineries
BT production facilities
PT breweries
production facilities
RT breweries
brewing industry
distilleries
wine industry
DEU Kelterei

wings (aeronautical)
USE aerospace components

Winkelgeschwindigkeit
DEU for angular velocity

Winkelgeschwindigkeitskontrolle
DUS für angular velocity control

Winkelgeschwindigkeitsmessen
DEU for angular velocity measurement

Winkelgeschwindigkeitsmessung
DUS für angular velocity measurement

Winkelgeschwindigkeitsregelung
DUS für angular velocity control

Winkelgeschwindigkeitssteuerung
DUS für angular velocity control

Winkelgeschwindigkeitssteuerung- und regelung
DUS für angular velocity control

Winkelkorrelationstechnik
DEU for angular correlation techniques

Winkelkorrelationsverfahren
DUS für angular correlation techniques

Winkelmessen
DEU for angular measurement

Winkelmessung
DUS für angular measurement

Winkelmodulation
DEU for angle modulation

Winos
USE sparticles

Winslow effect
USE electrorheology

Wirbel
DEU for vortices

Wirbelbett
DEU for fluidised beds

Wirbelstrom
DEU for eddy currents

Wirbelstrombremsung
DEU for eddy current braking

Wirbelstrommessverfahren
DEU for eddy current testing

Wirbelstromverlust
DEU for eddy current losses

wire antennas
BT antennas
DEU Drahtantenne

wire bonding
USE lead bonding

wire drawing
BT drawing (mechanical)
PT drawing (mechanical)
RT cold working
plastic deformation
wires (general)
DEU Drahtziehen

wire rope
USE cables (mechanical)
\+ ropes

wire testing
USE cable testing

wire transfers
USE EFTS

wire-wrap connections
USE electric connectors
\+ wiring

wireless access networks
USE radio access networks

Wireless Application Protocol
USE protocols

wireless channels
BT telecommunication channels
NT fading channels
SY *radio channels*
PT telecommunication channels
RT amplify and forward communication
MIMO communication
mobile radio
molecular communication (telecommunication)
optical communication
wireless LAN
DEU drahtloser Kanal

wireless LAN
BT local area networks
SY *IEEE 802.11 networks*
infrared LAN
radio LAN
Wi-Fi
WLAN
PT local area networks
RT ad hoc networks
Bluetooth
home networks
indoor radio
LAN interconnection
mobile computing
mobile radio
personal area networks
radio networks
radio transceivers
wireless channels
wireless mesh networks
wireless sensor networks
Zigbee
DEU lokales Drahtlosnetzwerk

wireless local loops
USE radio access networks

wireless mesh networks
BT ad hoc networks
PT radio networks
RT telecommunication network routing
telecommunication network topology
wireless LAN
DEU drahtloses vermaschtes netz

wireless personal area networks
USE personal area networks

wireless relay networks
USE relay networks (telecommunication)

wireless sensor networks
BT distributed sensors
radio networks
NT body sensor networks
PT distributed sensors
RT ad hoc networks
ambient intelligence
assisted living
body area networks
broadcast communication
Internet of Things
microsensors
packet radio networks
sensor fusion
sensor placement
telecommunication power management
wireless LAN
Zigbee
DEU drahtloses Sensornetz
DSY drahtloses Sensornetzwerk

wires (electric)
BT conductors (electric)
wires (general)
NT insulated wires
RT busbars
electric connectors
wiring
DEU Draht (elektrisch)

wires (general)
BT shapes (structures)
NT wires (electric)
RT cables (mechanical)
nanowires
net structures (mechanical)
quantum wires
ropes
springs (mechanical)
wire drawing
DEU Draht (allgemein)

wiring
NT building wiring
SY *backplane wiring*
electric wiring
UF *wire-wrap connections / electric connectors + wiring*
RT automotive electrics
electrical installation
printed circuits
wires (electric)
DEU Verdrahtung

wiring diagrams
USE circuit diagrams

Wirkdruck-Messumformer
DUS für pressure transducers

Wirkung elektrischer Felder
DUS für electric field effects

Wirkung hoher Gravitie
DUS für high gravity effects

Wirkung hoher Schwere
DUS für high gravity effects

Wirkung von Strahlung auf Zellen
DUS für cellular effects of radiation

Wirkung von Ultraschall
DUS für ultrasonic effects

Wirtschaft
DUS für economics

Wirtschaftlichkeit
DUS für profitability

Wirtschaftvergleich
DEU for economies of scale

Wismut
DUS für bismuth

Wismutlegierung
DUS für bismuth alloys

Wismutverbindung
DUS für bismuth compounds

wissensbasiertes System
DEU for knowledge based systems

Wissensbewahrung
DUS für belief maintenance

wissenschaftliche Bibliothek
DEU for academic libraries

wissenschaftliches Informationssystem
DEU for scientific information systems

Wissensdarstellung
DEU for knowledge representation

Wissenserfassung
DEU for knowledge acquisition

Wissenskontrolle
DEU for knowledge verification

Wissensmanagement
DEU for knowledge management

Wissensrepräsentationssprache
DEU for knowledge representation languages

Wissenstechnik
DUS für knowledge engineering

Wissensüberprüfung
DUS für knowledge verification

Wissensverarbeitungstechnik
DUS für knowledge engineering

Wissensverifizierung
DUS für knowledge verification

Wissenswartung
DUS für belief maintenance

WKB calculations
SY *Wentzel-Kramers-Brillouin calculations*
PT quantum theory
RT atomic structure
DEU WKB-Berechnung
DSY WKB-Kalkulation

WKB-Berechnung
DEU for WKB calculations

WKB-Kalkulation
DUS für WKB calculations

WLAN
USE wireless LAN

WN stars
USE Wolf-Rayet stars

WN-A stars
USE Wolf-Rayet stars

WNE stars
USE Wolf-Rayet stars

WNL stars
USE Wolf-Rayet stars

WO stars
USE Wolf-Rayet stars

wobbulators
USE signal generators
\+ swept-frequency oscillators

Wörterbuch
DEU for dictionaries

Wörterverzeichnis
DUS für glossaries

Wohnungsbaugesellschaft
DUS für building societies

Wolf-Rayet ring nebulae
USE circumstellar matter
\+ nebulae
\+ stellar winds
\+ Wolf-Rayet stars

Wolf-Rayet stars
BT stars
UF *oxygen VI sequence stars / planetary nebulae + Wolf-Rayet stars*
SY *W-R stars*
WC stars
WC-oxygen VI stars
UF *WC10 stars / planetary nebulae + Wolf-Rayet stars*
UF *WC11 pn nuclei / planetary nebulae + Wolf-Rayet stars*
UF *WC11[ ] stars / planetary nebulae + Wolf-Rayet stars*
UF *WCN stars / planetary nebulae + Wolf-Rayet stars*
SY *WN stars*
WN-A stars
WNE stars
WNL stars
WO stars
UF *Wolf-Rayet ring nebulae / circumstellar matter + nebulae + stellar winds + Wolf-Rayet stars*
SY *WR stars*
PT stars
DEU Wolf-Rayet-Stern

Wolf-Rayet-Stern
DEU for Wolf-Rayet stars

wolfram
USE tungsten

Wolfram (chemisches Element)
DUS für tungsten

Wolframlegierung
DEU for tungsten alloys

Wolframverbindung
DEU for tungsten compounds

Wolken
DEU for clouds

Wolle
DEU for wool

wood
BT materials
NT timber
UF *wood-plastic composites / ecocomposites + filled polymers + wood*
RT wood processing
wood products
DEU Baum
DSY Holz

wood processing
BT manufacturing processes
RT forestry
furniture industry
paper industry
preservatives
pulp manufacture
timber
wood
woodworking
DEU Holzverarbeitung

wood products
BT manufactured products
RT furniture
timber
wood
DEU Holzerzeugnis
DSY Holzprodukt
Holzware

wood-plastic composites
USE ecocomposites
\+ filled polymers
\+ wood

woodworking
BT manufacturing processes
PT manufacturing processes
RT lathes
planing
wood processing
woodworking machines
DEU Holzbearbeitung

woodworking machines
BT machine tools
PT machine tools
RT lathes
planing machines
woodworking
DEU Holzbearbeitungsmaschine

wool
BT agricultural products
RT carpets
clothing

farming
fibres
natural fibres
yarn
DEU Wolle

word processing
BT administrative data processing
document handling
NT spelling aids
UF *text processing / text analysis* +
word processing
PT administrative data processing
text editing
RT data preparation
desktop publishing
dictation
executive workstations
integrated software
office automation
text analysis
text editing
typewriters
Wang computers
DEU Textverarbeitung
DSY Wortverarbeitung

word sense disambiguation
USE natural language processing

work function
RT contact potential
electron emission
ionisation potential
photoemission
Schottky effect
DEU Austrittsenergie

work hardening
BT hardening
SY *strain hardening*
RT cold working
strain ageing
DEU Kalthärten

work in progress
BT stock control
RT production control
production management
scheduling
DEU Halbfertigprodukt

work-holding devices
BT production equipment
NT clamps
vices
SY *chucks*
cramps
RT fixtures
grippers
DEU Vorrichtung

workability
BT mechanical properties
RT ductility
hot working
machinability
plastic flow
tensile strength
DEU Bearbeitbarkeit

workers
USE personnel

workflow management software
BT factory automation
office automation
PT factory automation
office automation
RT distributed processing
groupware
middleware
DEU Arbeitsablaufmanagementsoftware
DSY Arbeitsflussmanagementsoftware
Fertigungsmanagementsoftware
Produktionsmanagementsoftware

working conditions
USE employee welfare

workplace design
USE ergonomics

Workstation
DEU for workstations

workstation clusters
BT local area networks
SY *cluster computing*
networks of workstations
NOW
PT distributed memory systems
local area networks
workstations
RT distributed memory systems
peer-to-peer computing
workstations
DEU Workstationgruppe

Workstation im Ingenieurwesen
DEU for engineering workstations

Workstationgruppe
DEU for workstation clusters

workstations
NT engineering workstations
executive workstations
SY *multitasking workstations*
PT interactive terminals
microcomputers
RT computer graphic equipment
interactive terminals
microcomputers
network computers
workstation clusters
DEU Workstation

World Wide Web
USE Internet
+ Web sites

WORM discs
USE optical disc storage
+ write-once storage

worm gears
USE gears

wormhole routing
USE multiprocessor interconnection networks
+ network routing

worms (invasive software)
USE invasive software

Wortverarbeitung
DUS für word processing

wounds
PT patient treatment
RT injuries
patient treatment
DEU Verletzung
DSY Wunde

woven composites
BT fibre reinforced composites
SY *braided composites*
UF *knitted fabric composites / fabrics + woven composites*
UF *woven fabric composites / fabrics + woven composites*
RT fabrics
fibre reinforced plastics
laminates
DEU gewebter Verbundstoff
DSY gewebtes Komposit
textiler Verbundstoff

woven fabric composites
USE fabrics
+ woven composites

WPAN
USE personal area networks

WR stars
USE Wolf-Rayet stars

wrapping
BT packaging
DEU Einwickeln

write-once storage
BT read-only storage
UF *WORM discs / optical disc storage + write-once storage*
PT optical disc storage
read-only storage
RT optical disc storage
DEU einmal beschreibbarer Speicher

WS-BPEL
USE Web Services Business Process Execution Language

WSI
USE wafer-scale integration

Wunde
DUS für wounds

Wurzelortskurve
DEU for root loci

WZ Sge stars
USE dwarf novae

X mesons
BT meson resonances
PT meson resonances
DEU X-Meson

X-Meson
DEU for X mesons

X-ray absorption
BT electromagnetic wave absorption
RT EXAFS
X-ray absorption spectra
X-ray optics
X-ray spectroscopy
X-rays
XANES
DEU Röntgenstrahlenabsorption

X-ray absorption near edge structure
USE XANES

X-ray absorption spectra
BT X-ray spectra
NT EXAFS
XANES
RT X-ray absorption
DEU Röntgenstrahlenabsorptionsspektru m

X-ray analysis
NT X-ray chemical analysis
X-ray crystallography
X-ray spectroscopy
RT electron probe analysis
X-ray apparatus
X-ray tubes
X-rays
DEU Röntgenanalysator
DSY Röntgenanalyse

X-ray apparatus
NT X-ray diffractometers
X-ray monochromators
X-ray spectrometers
X-ray tubes
SY *beamlines, X-ray*
UF *Debye-Scherrer cameras / cameras + X-ray apparatus + X-ray crystallography*
UF *Weissenberg cameras / cameras + X-ray apparatus + X-ray crystallography*
SY *X-ray beamlines*
RT biomedical equipment
collimators
explosive detection
goniometers
image intensifiers
X-ray analysis
X-ray microscopy
X-ray optics
X-ray spectroscopy
X-rays
zone plates
DEU Röntgenapparat
DSY Röntgengerät

X-ray applications
NT X-ray lithography
X-ray optics
UF *X-ray photography / radiography + X-ray applications*
RT diagnostic radiography
materials testing
patient diagnosis
patient treatment
radiation therapy
radiography
X-ray microscopy
DEU Röntgenanwendung

X-ray astronomical observations
USE X-ray astronomy
\+ X-ray sources (astronomical)

X-ray astronomy
BT astronomy
UF *cosmic ray photons / gamma-ray astronomy + X-ray astronomy*
SY *cosmic ray X-rays*
UF *X-ray astronomical observations / X-ray astronomy + X-ray sources (astronomical)*
RT astronomical spectra
astronomical surveys
X-ray optics
X-ray sources (astronomical)
X-rays
DEU Röntgenastronomie

X-ray beamlines
USE X-ray apparatus

X-ray binary stars
BT binary stars
X-ray sources (astronomical)
UF *AM Her stars / cataclysmic binary stars + white dwarfs + X-ray binary stars*
UF *HZ Her stars / neutron stars + variable stars + X-ray binary stars*
UF *interacting binary stars / binary stars + cataclysmic binary stars + eclipsing binary stars + X-ray binary stars*
UF *intermediate polars / cataclysmic binary stars + white dwarfs + X-ray binary stars*
UF *polars / cataclysmic binary stars + white dwarfs + X-ray binary stars*
SY *pulsars, X-ray*
UF *V691 CrA stars / variable stars + X-ray binary stars*
UF *X-ray novae / cataclysmic binary stars + novae + X-ray binary stars*
UF *X-ray pulsars / neutron stars + white dwarfs + X-ray binary stars*
PT binary stars
X-ray sources (astronomical)
RT black holes
cataclysmic binary stars
dwarf novae
quasi-periodic oscillations (astronomical)

symbiotic stars
DEU Röntgendoppelstern

X-ray characteristic temperature
USE Debye temperature

X-ray chemical analysis
BT chemical analysis
X-ray analysis
NT X-ray fluorescence analysis
SY *EDAX*
EDX
energy dispersive X-ray analysis
UF *HIXE / ion microprobe analysis + X-ray chemical analysis*
UF *IEXE / ion microprobe analysis + X-ray chemical analysis*
UF *PIXE / ion microprobe analysis + X-ray chemical analysis*
UF *proton induced X-ray emission / ion microprobe analysis + X-ray chemical analysis*
RT electron probe analysis
X-ray spectra
DEU chemische Röntgenanalyse

X-ray computerised tomography
USE computerised tomography

X-ray crystallography
BT crystallography
X-ray analysis
NT X-ray topography
UF *Borrmann effect / X-ray crystallography + X-ray diffraction*
UF *Debye-Scherrer cameras / cameras + X-ray apparatus + X-ray crystallography*
UF *Laue effect / X-ray crystallography + X-ray diffraction*
SY *Patterson diagrams*
Pendellosung fringes
radiocrystallography
UF *Weissenberg cameras / cameras + X-ray apparatus + X-ray crystallography*
RT crystal structure
Debye-Waller factors
X-ray diffraction
X-ray imaging
X-ray spectrometers
X-ray spectroscopy
X-rays
DEU Röntgen-Kristallografie
DSY Röntgen-Kristallographie
Röntgenkristallografie
Röntgenkristallographie

X-ray detection
BT radiation detection
UF *superconducting X-ray detectors / superconducting particle detectors + X-ray detection*
SY *X-ray sensors*
PT X-ray detection and measurement
RT X-ray imaging
X-ray spectrometers
X-rays
DEU Röntgenstrahlendetektion

X-ray diffraction
BT electromagnetic wave diffraction
UF *Borrmann effect / X-ray crystallography + X-ray diffraction*
UF *Laue effect / X-ray crystallography + X-ray diffraction*
SY *XRD*
RT radiography
X-ray crystallography
X-ray diffractometers
X-ray optics
X-ray scattering
X-ray spectroscopy
X-rays
DEU Röntgenbeugung
DSY Röntgenstrahlbeugung
Röntgenstrahlungsbeugung

X-ray diffractometers
BT diffractometers
X-ray apparatus
PT X-ray crystallography apparatus
RT X-ray diffraction
DEU Röntgenstrahlen-Beugungsmesser
DSY Röntgenstrahlen-Diffraktometer
Röntgenstrahlenbeugungsmesser

X-ray effects
BT radiation effects
NT biological effects of X-rays
RT ultraviolet radiation effects
X-rays
DEU Röntgen-Effekt
DSY Röntgen-Strahlenwirkung
Röntgen-Strahlungswirkung

X-ray emission spectra
BT X-ray spectra
NT appearance potential spectra
SY *X-ray emission spectra of atoms*
UF *X-ray fluorescence / fluorescence + X-ray emission spectra + X-ray fluorescence analysis*
RT bremsstrahlung
conversion electron spectra
DEU Röntgenemissionsspektrum

X-ray emission spectra of atoms
USE X-ray emission spectra

X-ray examination of liquids
DEU Röntgenflüssigkeitsprüfung
DSY röntgenstrahlengestützte Flüssigkeitsanalyse

X-ray examination of materials
DEU Röntgenmaterialprüfung
DSY röntgenstrahlgestützte Materialprüfung
röntgenstrahlgestützte Werkstoffprüfung
Röntgenwerkstoffprüfung

X-ray examination of microstructure
DEU Röntgenmikrostrukturprüfung
DSY röntgenstrahlgestützte Mikrostrukturanalyse

X-ray examination of molecular structure
DEU Röntgenmolekularstrukturprüfung
DSY Röntgenprüfung der Molekülstruktur
röntgenstrahlengestützte Molekülstrukturanalyse

X-ray fluorescence
USE fluorescence
\+ X-ray emission spectra
\+ X-ray fluorescence analysis

X-ray fluorescence analysis
BT fluorescence spectroscopy
spectrochemical analysis
X-ray chemical analysis
X-ray spectroscopy
UF *X-ray fluorescence / fluorescence + X-ray emission spectra + X-ray fluorescence analysis*
SY *X-ray fluorimetry*
PT X-ray fluorescence
RT fluorescence
DEU Röntgenfluoreszenzspektrometrie

X-ray fluorimetry
USE X-ray fluorescence analysis

X-ray imaging
BT imaging
NT diagnostic radiography
X-ray microscopy
RT biomedical imaging
image convertors
image intensifiers
image sensors
plasma diagnostics
radiography
radiology
X-ray crystallography
X-ray detection
X-ray optics
DEU Röntgenbild

X-ray lasers
BT lasers
PT laser theory
lasers
RT plasma X-ray sources
DEU Röntgenlaser

X-ray lithography
BT photolithography
X-ray applications
NT LIGA
X-ray masks
UF *X-ray resists / photoresists + X-ray lithography*
PT photolithography
RT integrated circuit technology
masks
plasma X-ray sources
proximity effect (lithography)
semiconductor technology
ultraviolet lithography
DEU Röntgen-Lithografie
DSY Röntgen-Lithographie
Röntgenlithografie
Röntgenlithographie

X-ray masks
BT masks
X-ray lithography
PT masks
X-ray lithography
DEU Röntgenstrahlmaske

X-ray microscopes
USE X-ray microscopy

X-ray microscopy
BT microscopy
X-ray imaging
NT X-ray topography
SY *scanning X-ray microscopy*
X-ray microscopes
UF *X-ray tomography / computerised tomography + X-ray microscopy*
PT microscopy
X-ray applications
X-ray optics
RT microscopes
X-ray apparatus
X-ray applications

X-ray optics
DEU Röntgenmikroskopie

X-ray monochromators
BT monochromators
X-ray apparatus
DEU Röntgenmonochromator

X-ray novae
USE cataclysmic binary stars
\+ novae
\+ X-ray binary stars

X-ray optics
BT X-ray applications
SY *grazing incidence optics, X-ray*
PT X-ray apparatus
X-ray applications
RT diffraction gratings
mirrors
X-ray absorption
X-ray apparatus
X-ray astronomy
X-ray diffraction
X-ray imaging
X-ray microscopy
X-ray reflection
X-ray scattering
X-rays
zone plates
DEU Röntgenstrahlenoptik

X-ray photoeffect
USE X-ray photoelectron spectra

X-ray photoelectron spectra
BT photoelectron spectra
SY *X-ray photoeffect*
XPS
PT photoelectron spectra
RT ESCA
DEU Röntgenphotoelektronenspektrum

X-ray photography
USE radiography
\+ X-ray applications

X-ray polarisation
USE electromagnetic wave polarisation

X-ray production
NT plasma X-ray sources
RT X-ray tubes
X-rays
DEU Röntgenstrahlerzeugung

X-ray protection
USE radiation protection

X-ray pulsars
USE neutron stars
\+ white dwarfs
\+ X-ray binary stars

X-ray reflection
BT electromagnetic wave reflection
RT X-ray optics
X-rays
DEU Röntgenstrahlenreflexion

X-ray resists
USE photoresists
\+ X-ray lithography

X-ray scattering
BT electromagnetic wave scattering
RT Compton effect
X-ray diffraction
X-ray optics
X-rays
DEU Röntgen-Streuung

X-ray sensors
USE X-ray detection

X-ray sources (astronomical)
NT X-ray binary stars
SY *cosmic X-ray bursts*
cosmic X-ray sources
UF *X-ray astronomical observations / X-ray astronomy + X-ray sources (astronomical)*
PT X-ray astronomy
RT supernova remnants
X-ray astronomy
DEU astronomische Röntgenstrahlenquelle
DSY Röntgenstrahlenquelle (astronomisch)

X-ray spectra
BT spectra (general)
NT X-ray absorption spectra
X-ray emission spectra
RT transition radiation
two-dimensional spectra
X-ray chemical analysis
X-ray spectroscopy
X-rays
DEU Röntgenstrahlenspektrum

X-ray spectrometers
BT spectrometers
X-ray apparatus
RT particle spectrometers
X-ray crystallography
X-ray detection
X-ray spectroscopy
DEU Röntgen-Spektrometer
DSY Röntgenspektrometer

X-ray spectroscopy
BT spectroscopy
X-ray analysis
NT appearance potential spectroscopy
X-ray fluorescence analysis
RT radiography
two-dimensional spectroscopy
X-ray absorption
X-ray apparatus
X-ray crystallography
X-ray diffraction
X-ray spectra
X-ray spectrometers
X-rays
DEU Röntgen-Spektrometrie
DSY Röntgen-Spektroskopie
Röntgenfluoreszenz-Spektrometrie
Röntgenfluoreszenz-Spektroskopie
Röntgenfluoreszenzspektrometrie
Röntgenfluoreszenzspektroskopie

X-ray tomography
USE computerised tomography
\+ X-ray microscopy
DEU Röntgentomographie

X-ray topography
BT X-ray crystallography
X-ray microscopy
PT X-ray crystallography technique
X-ray diffraction examination of materials
RT crystal defects
surface topography
DEU Röntgen-Topografie
DSY Röntgen-Topographie
Röntgentopografie
Röntgentopographie

X-ray transport
USE photon transport theory

X-ray tubes
BT thermionic tubes
X-ray apparatus
RT radiography
X-ray analysis
X-ray production
DEU Röntgenröhre

X-rays
BT electromagnetic waves
SY *Röntgen rays*
RT photons
radiography
X-ray absorption
X-ray analysis
X-ray apparatus
X-ray astronomy
X-ray crystallography
X-ray detection
X-ray diffraction
X-ray effects
X-ray optics
X-ray production
X-ray reflection
X-ray scattering
X-ray spectra
X-ray spectroscopy
DEU Röntgenstrahl
DSY Röntgenstrahlung

X-Y model
BT lattice theory
magnetism
SY *XY model*
PT lattice theory and statistics
magnetism
RT Ising model
Kosterlitz-Thouless transition
DEU X-Y-Modell

X-Y-Modell
DEU for X-Y model

X⁰ meson resonances
USE eta meson resonances

Xalpha calculations
SY *DV-Xalpha calculations*
MS SCF calculations
MS Xalpha calculations
multiple scattering SCF-X-alpha calculations
PT atomic orbitals calculations
crystal electron states
electron energy states (condensed matter)
molecular orbitals calculations
RT HF calculations
SCF calculations
DEU Xalpha-Berechnung
DSY Xalpha-Kalkulation

Xalpha-Berechnung
DEU for Xalpha calculations

Xalpha-Kalkulation
DUS für Xalpha calculations

XANES
BT X-ray absorption spectra
SY *near edge structure, X-ray absorption*
UF *NEXAFS / EXAFS + XANES*
SY *X-ray absorption near edge structure*
PT X-ray absorption spectra
RT X-ray absorption
DEU Röntgenstrahlenabsorptionsstruktur
DSY Röntgenstrahlenabsorptionsstruktur (XANES)
XANES (Röntgenstrahlenabsorptionsstruktur)

XANES (Röntgenstrahlenabsorptionsstruktur)
DUS für XANES

Xe (chemisches Element)
USE xenon

XENIX
USE Unix

xenon
BT inert gases
non-metals
SY *Xe (chemisches Element)*
RT xenon compounds
DEU Xenon (Edelgas)

Xenon (Edelgas)
DEU for xenon

xenon compounds
BT inert gas compounds
RT xenon
DEU Xenonverbindung

Xenonverbindung
DEU for xenon compounds

xerogels
USE aerogels

Xerographie
DEU for xerography

xerography
USE electrophotography
\+ photocopying
DEU Xerographie

Xeroradiographie
DEU for xeroradiography

xeroradiography
USE electrophotography
DEU Xeroradiographie

XHMO calculations
USE EHT calculations

Xi baryons
BT hyperons
PT hyperons
DEU Xi-Baryon

Xi-Baryon
DEU for Xi baryons

XLPE insulation
BT polyethylene insulation
SY *cross linked polyethylene insulation*
PT organic insulating materials
polymers
RT cable insulation
power cable insulation
DEU XLPE-Isolation

XLPE-Isolation
DEU for XLPE insulation

XML
BT hypermedia markup languages
PT hypermedia markup languages
RT data integration
meta data
semantic Web
Web services
Web Services Business Process Execution Language
DEU XML (Erweiterte Auszeichnungssprache)
DSY XML (Extendet Markup Language)

XML (Erweiterte Auszeichnungssprache)
DEU for XML

XML (Extendet Markup Language)
DUS für XML

XPS
USE X-ray photoelectron spectra

XRD
USE X-ray diffraction

XY model
USE X-Y model

Y (chemical element)
USE yttrium
DEU Y (chemisches Element)

Y (chemisches Element)
DEU for Y (chemical element)

yachts
USE boats

Yagi antenna arrays
BT antenna arrays
SY *Yagi-Uda antenna arrays*
PT antenna arrays
DEU Yagi-Gruppenantenne

Yagi-Gruppenantenne
DEU for Yagi antenna arrays

Yagi-Uda antenna arrays
USE Yagi antenna arrays

Yang-Mills theory
BT gauge field theory
PT quantum field theory
DEU Yang-Mills-Theorie

Yang-Mills-Theorie
DEU for Yang-Mills theory

yarn
BT materials
RT cotton fabrics
fabrics
sizing (materials processing)
spinning (textiles)
textiles
wool
DEU Garn
DSY Zwirn

Yb (chemical element)
USE ytterbium
DEU Yb (chemisches Element)

Yb (chemisches Element)
DEU for Yb (chemical element)

yellow semi-regular variables
USE supergiant stars
\+ variable stars

yield point
BT stress-strain relations
PT stress-strain relations
RT yield strength
yield stress
DEU Streckpunkt

yield strength
BT tensile strength
PT tensile strength
yield point
RT stress analysis
stress-strain relations
yield point
yield stress
DEU Streckgrenze

yield stress
BT stress-strain relations
UF *Hall-Petch relationship / grain size + yield stress*
UF *stress / internal stresses + stress effects + stress-strain relations + thermal stresses + yield stress*
UF *stresses / internal stresses + stress effects + stress-strain relations + thermal stresses + yield stress*
PT stress-strain relations
yield point
RT stress analysis
yield point
yield strength
DEU Fließspannung
DSY Streckspannung

yielding, serrated
USE serrated yielding

young disk Cepheids
USE variable stars

Young's modulus
BT elastic moduli
SY *modulus, Young's*
PT elastic constants
RT indentation
DEU Youngs-Modul

Youngs-Modul
DEU for Young's modulus

YouTube
USE social networking (online)

yrast states
BT nuclear collective states
PT nuclear collective states and giant resonances
RT giant resonances
high spin states
nuclear rotational states
nuclear vibrational states
DEU Yrast-Status
DSY Yrast-Zustand

Yrast-Status
DEU for yrast states

Yrast-Zustand
DUS für yrast states

ytterbium
BT rare earth metals
SY *Yb (chemical element)*
RT ytterbium alloys
ytterbium compounds
DEU Ytterbium

ytterbium alloys
BT rare earth alloys
PT rare earth alloys
RT ytterbium
ytterbium compounds
DEU Ytterbiumlegierung

ytterbium compounds
BT rare earth compounds
RT ytterbium
ytterbium alloys
DEU Ytterbiumverbindung

Ytterbiumlegierung
DEU for ytterbium alloys

Ytterbiumverbindung
DEU for ytterbium compounds

Ytterbium
DEU for ytterbium

yttrium
BT transition metals
SY *Y (chemical element)*
RT yttrium alloys
yttrium compounds
DEU Yttrium

yttrium alloys
BT transition metal alloys
PT yttrium compounds
RT yttrium
yttrium compounds
DEU Yttriumlegierung

yttrium compounds
BT transition metal compounds
RT yttrium
yttrium alloys
DEU Yttriumverbindung

Yttriumlegierung
DEU for yttrium alloys

Yttriumverbindung
DEU for yttrium compounds

Yttrium
DEU for yttrium

Yukawa potential
USE meson field theory
\+ nuclear forces

YY Ori stars
USE pre-main-sequence stars

Z And stars
USE symbiotic stars

Z bosons
BT intermediate bosons
PT intermediate bosons
RT intermediate boson decay
intermediate boson interactions
intermediate boson production
DEU Z-Boson

Z Cam stars
USE dwarf novae

Z pinch
BT pinch effect
RT plasma X-ray sources
reversed field pinch
DEU Z-Pinch

Z transforms
BT transforms
RT circuit theory
difference equations
inverse transforms
network analysis
sampled data systems
signal processing
DEU Z-Transformation

Z-Boson
DEU for Z bosons

Z-centers
USE Z-centres

Z-centres
BT F-centres
SY *Z-centers*
PT F-centres
DEU Z-Zentrum

Z-Diode
DEU for Zener diodes

Z-Pinch
DEU for Z pinch

Z-Transformation
DEU for Z transforms

Z-Zentrum
DEU for Z-centres

Zackennachgiebigkeit
DEU for serrated yielding

Zähler
DEU for counters

Zählerableseautomatisierung
DUS für automatic meter reading

Zählerausleseautomatisierung
DUS für automatic meter reading

Zählerzubehör
DEU for counter accessories

Zähler
DUS für meters
power meters

Zählschaltung
DEU for counting circuits

Zahlentheorie
DEU for number theory

Zahlungsbilanz
DEU for balance of payments

Zahnmedizin
DEU for dentistry

Zahnradfräsmaschine
DEU for gear cutting machines

ZCS
USE zero current switching

Zeeman effect
BT magneto-optical effects
spectral line breadth
SY *Paschen-Back effect*
RT g-factor
Hanle effect
multiphoton processes
spectra (general)
spectral line shift
two-photon processes
DEU Zeeman-Effekt

Zeeman-Effekt
DEU for Zeeman effect

Zeichenerkennung
DEU for character recognition

Zeichenerkennungsausrüstung
DEU for character recognition equipment

Zeichenerkennungsausstattung
DUS für character recognition equipment

Zeichenerkennungsgerät
DUS für character recognition equipment

Zeichenerkennung
DUS für pattern recognition

Zeichenkettenvergleich
DEU for string matching

Zeichensatz
DEU for character sets

Zeichnen (mechanisch)
DEU for drawing (mechanical)

Zeiger
DUS für indicators
needles

Zeigermessung
DEU for phasor measurement

Zeigesystem
DUS für pointing systems

Zeit-Abstands-Simulation
DEU for time warp simulation

Zeit-Frequenz-Analyse
DEU for time-frequency analysis

zeitaufgelöste Spektrometrie
DEU for time resolved spectroscopy

zeitaufgelöste Spektroskopie
DUS für time resolved spectroscopy

Zeitbasis
DEU for time bases

Zeitbeinflussungs-Simulation
DUS für time warp simulation

Zeitbereichsanalyse
DEU for time-domain analysis

Zeitbereichsanalyse mittels finiter Differenzen
DEU for finite difference time-domain analysis

Zeitbereichsreflektometrie
DEU for time-domain reflectometry

Zeitbereichssynthese
DEU for time-domain synthesis

Zeitdehnungs-Simulation
DUS für time warp simulation

Zeitdigitalisierer
DEU for time-digital conversion

Zeitdigitalkonverter
DUS für time-digital conversion

zeitdiskretes Filter
DEU for discrete time filters

zeitdiskretes System
DEU for discrete time systems

Zeitgeber-Jitter
DUS für timing jitter

Zeitgeberschaltkreis
DUS für timing circuits

Zeitgeberschaltung
DUS für timing circuits

Zeitgebungsjitter
DUS für timing jitter

Zeitjitter
DUS für timing jitter

zeitkontinuierliches Filter
DEU for continuous time filters

zeitkontinuierliches System
DEU for continuous time systems

zeitlich aufgelöstes Spektrum
DEU for time resolved spectra

zeitliche Abstimmung
DEU for timing

zeitliche Festlegung
DUS für timing

Zeitmanagement
DEU for time management

Zeitmesser
DUS für clocks

Zeitmessgerät
DUS für watches

Zeitmessung
DEU for time measurement

Zeitmultiplex
DEU for time division multiplexing

Zeitmultiplexzugriff
DUS für time division multiple access

zeitoptimale Steuerung
DEU for time optimal control

Zeitplanungssystem für die Massenfertigung
DUS für master production scheduling

Zeitprojektionskammer
DEU for time projection chambers

Zeitreihe
DEU for time series

Zeitschalter
DEU for time switches

Zeitscheibenteilung
DUS für time-sharing systems

Zeitsteuerungs-Jitterfrequenz
DUS für timing jitter

Zeitteilungsprogramm
DEU for time-sharing programs

Zeitteilungssystem
DUS für time-sharing systems

zeitvariantes System
DEU for time-varying systems

zeitveränderlicher Kanal
DEU for time-varying channels

zeitveränderliches Filter
DEU for time-varying filters

zeitveränderliches Netz
DEU for time-varying networks

Zeitverzerrungs-Simulation
DUS für time warp simulation

zeitweilige Datenbank
DUS für temporal databases

zeitweise Schlussfolgerung
DUS für temporal reasoning

Zelle (elektrisch)
DUS für cells (electric)

Zelleinwirkung von Strahlung
DUS für cellular effects of radiation

Zellenfeld
DEU for cellular arrays

Zellmotilität
DEU for cell motility

Zellphysik (Biophysik)
DEU for cellular biophysics

Zelltransport (Biophysik)
DEU for cellular transport

Zellular-Array
DEU for cellular arrays

zellulare Fertigung
DUS für cellular manufacturing

zellulare Gebiet
DUS für cellular arrays

zellulare Logik
DEU for cellular logic

zellularer Automat
DEU for cellular automata

zellularer Funk
DEU for cellular radio

zellularer Transport (Biolphysik)
DUS für cellular transport

zellulares neuronale Netz
DEU for cellular neural nets

zellulares Radio
DUS für cellular radio

Zellularfunk
DEU for cellular radio

Zellwirkung von Strahlung
DUS für cellular effects of radiation

Zement (Baustoff)
DEU for cements (building materials)

Zementindustrie
DEU for cement industry

Zener breakdown
USE Zener effect

Zener diodes
BT semiconductor diodes
UF *breakdown diodes / avalanche diodes + Zener diodes*
UF *silicon reference diodes / avalanche diodes + Zener diodes*
UF *voltage reference diodes / avalanche diodes + Zener diodes*
RT Zener effect
DEU Z-Diode
DSY Zener-Diode

Zener effect
BT electric breakdown
high field effects
SY *Zener breakdown*
RT avalanche breakdown
semiconductor materials
tunnelling
Zener diodes
DEU Zener-Effekt

Zener relaxation
BT anelastic relaxation
PT anelasticity
RT internal friction
DEU Zener-Relaxation

Zener-Diode
DUS für Zener diodes

Zener-Effekt
DEU for Zener effect

Zener-Relaxation
DEU for Zener relaxation

Zentralsteuerung
DEU for centralised control

Zentrifuge
DEU for centrifuges

zeolites
BT porous materials
RT adsorption
catalysts
molecular sieves
nanostructured materials
DEU Zeolith

Zeolith
DEU for zeolites

Zer
DUS für cerium

Zerebrellarmodell-Arithmetikcomputer
DUS für cerebellar model arithmetic computers

Zerhacker (Wechselrichter)
DEU for choppers (circuits)

zerlegbare Form
DUS für deployable structures

zerlegbare Struktur
DUS für deployable structures

Zerlegung
DUS für decomposition

Zerner's intermediate neglect of differential overlap
USE ZINDO calculations

Zernike polynomials
BT polynomials
PT polynomials
RT aberrations
DEU Zernike-Polynom

Zernike-Aberration
DUS für aberrations

Zernike-Polynom
DEU for Zernike polynomials

zero assignment
BT poles and zeros
PT poles and zeros
RT control system analysis
control system synthesis
pole assignment
DEU Nullzuweisung

zero current switching
BT switching
UF *soft switching (power convertors) / zero current switching + zero voltage switching*
SY *ZCS*
PT switching circuits
RT invertors
power convertors
switching circuits
switching convertors
DEU Nullstromschalter

zero field level crossing
USE Hanle effect

zero field level splitting
USE hyperfine structure

zero gravity experiments
SY *low gravity experiments*
microgravity experiments
reduced gravity experiments
weightlessness experiments
RT aerospace biophysics
biological effects of gravity
biophysics
crystal growth
high gravity effects
materials properties
DEU Null-Gravitations-Experiment

zero knowledge proofs
USE cryptography

zero sound
BT liquid helium sound propagation
PT liquid helium sound propagation
DEU Null-Ton (Zero-Sound)

zero voltage switching
BT switching
UF *soft switching (power convertors) / zero current switching + zero voltage switching*
SY *ZVS*
PT switching circuits
RT invertors
power convertors
switching circuits
switching convertors
DEU Nullspannungsschalter

zero-gap semiconductors
USE narrow band gap semiconductors

zeros
USE poles and zeros

zeroth order regular approximation
USE relativistic corrections

Zersetzen
DUS für dissolving

Zersetzung
DUS für decomposition

Zerspanen
DEU for cutting

zerstörungsfreie Prüfung
DEU for nondestructive testing

zerstörungsfreier Test
DEU for nondestructive testing

zerstörungsfreies Prüfen
DUS für nondestructive testing

Zerstreuung
DUS für dispersion (wave)

Zertifizierung
DUS für accreditation

Zertifizierung
DEU for certification

zeta Aur stars
USE eclipsing binary stars
\+ supergiant stars

zeta Oph stars
USE variable stars

zeta-potential
USE electrokinetic effects

zeugmatography
USE biomedical MRI

Ziegel
DEU for brick

Ziegelindustrie
DEU for brick industry

Ziehen
DUS für drag

Ziehstrangpressen
DUS für pultrusion

Ziel nuklearen Bombardements
DUS für nuclear bombardment targets

Zielverfolgung
DEU for target tracking

Zigarette
DUS für tobacco products

Zigarillos
DUS für tobacco products

Zigarre
DUS für tobacco products

Zigbee
BT personal area networks
telecommunication standards
SY *IEEE 802.15.4 networks*
PT personal area networks
RT Bluetooth
protocols
telecommunication network routing
telecommunication network topology
telecommunication security
transceivers
wireless LAN
wireless sensor networks
DEU Zigbee (Netz)

Zigbee (Netz)
DEU for Zigbee

zinc
BT metals
SY *spelter*
Zn (chemical element)
RT zinc alloys
zinc compounds
DEU Zink

zinc alloys
BT alloys
NT brass
PT zinc compounds
RT zinc
zinc compounds
DEU Zinklegierung

zinc compounds
BT inorganic compounds
RT zinc
zinc alloys
DEU Zinkverbindung

ZINDO calculations
BT INDO calculations
SY *Zerner's intermediate neglect of differential overlap*
PT INDO calculations
DEU ZINDO-Berechnung
DSY ZINDO-Kalkulation

ZINDO-Berechnung
DEU for ZINDO calculations

ZINDO-Kalkulation
DUS für ZINDO calculations

Zink
DEU for zinc

Zinklegierung
DEU for zinc alloys

Zinkverbindung
DEU for zinc compounds

Zinn
DEU for tin

Zinnlegierung
DEU for tin alloys

Zinnverbindung
DEU for tin compounds

zip fasteners
USE fasteners

Zircaloy
USE zirconium alloys

zirconium
BT transition metals
SY *Zr (chemical element)*
RT zirconium alloys
zirconium compounds
DEU Zirkonium

zirconium alloys
BT transition metal alloys
SY *Zircaloy*
PT zirconium compounds
RT zirconium
zirconium compounds
DEU Zirkoniumlegierung

zirconium compounds
BT transition metal compounds
RT zirconium
zirconium alloys
DEU Zirkoniumverbindung

zirconium stars
USE giant stars

Zirkonium
DEU for zirconium

Zirkoniumlegierung
DEU for zirconium alloys

Zirkoniumverbindung
DEU for zirconium compounds

Zirkulardichroismus
DEU for circular dichroism

zirkulare Aberration
DUS für aberrations

Zirkulator
DEU for circulators

Zirkulator (Mikrowelle)
DEU for circulators (microwave)

Zirkumstellarmaterie
DUS für circumstellar matter

Zitieranalyse
DEU for citation analysis

Zitierungsanalyse
DUS für citation analysis

ZMR
USE zone melting recrystallisation

Zn (chemical element)
USE zinc
DEU Zn (chemisches Element)

Zn (chemisches Element)
DEU for Zn (chemical element)

zodiacal light
SY *gegenschein*
RT cosmic dust
interplanetary matter
sky brightness
DEU Nordlicht
DSY polare Leuchterscheinung
Polarlicht
Zodiakallicht

Zodiakallicht
DUS für zodiacal light

zone melting
BT melt processing
melting
NT zone melting recrystallisation
SY *floating zone method (crystal growth)*
PT zone melting and refining
RT crystal growth from melt
zone refining
DEU Zonenschmelzen

zone melting and refining
DEU Zonenschmelzen und -verfeinern

zone melting recrystallisation
BT recrystallisation
zone melting
SY *ZMR*
PT recrystallisation
zone melting
RT semiconductor technology
silicon-on-insulator
DEU Zonenschmelzrekristallisation

zone plates
SY *optical zone plates*
PT optical zone plates
RT optical elements
spatial filters
X-ray apparatus
X-ray optics
DEU Zonenlinse
DSY Zonenplatte

zone refining
BT refining
SY *floating zone refining*
PT zone melting and refining
RT crystal purification
crystallisation
metallurgy
semiconductor technology
zone melting
DEU Zonenverfeinerung

Zonenlinse
DEU for zone plates

Zonenplatte
DUS für zone plates

Zonenschmelzen
DEU for zone melting

Zonenschmelzen und -verfeinern
DEU for zone melting and refining

Zonenschmelzrekristallisation
DEU for zone melting recrystallisation

Zonenverfeinerung
DEU for zone refining

Zoologie
DEU for zoology

zoology
BT biology
NT anthropology
UF *zoology computing / biology computing + zoology*
RT veterinary medicine
DEU Zoologie

zoology computing
USE biology computing
\+ zoology

zooplankton
USE microorganisms

zoosemiotics
USE biocommunications

ZORA
USE relativistic corrections

Zr (chemical element)
USE zirconium
DEU Zr (chemisches Element)

Zr (chemisches Element)
DEU for Zr (chemical element)

Zubehör für gedruckte Schaltung
DEU for printed circuit accessories

Zucker
DEU for sugar

Zuckerindustrie
DEU for sugar industry

Zuckerraffinerie
DEU for sugar refining

Zünden
DUS für ignition

Zünder
DEU for fuzes (detonation)

Zündinjektor (Beschleuniger)
DEU for booster injectors

Zündkerze
DEU for spark plugs

Zündschnur
DUS für fuzes (detonation)

Zündstörung
DUS für impulse noise

Zündung
DUS für detonation
ignition

Zufallsalgorithmus
DEU for randomised algorithms

Zufallscode
DEU for random codes

Zufallsfolge
DEU for random sequences

Zufallsfunktion
DEU for random functions

Zufallsmedium
DEU for random media

Zufallsprozess
DEU for random processes

Zufallsrauschen
DEU for random noise

Zufallsreihe
DUS für random sequences

Zufallsspiel
DUS für stochastic games

Zufallszahlengenerierung
DEU for random number generation

Zug (Beanspruchung)
DUS für drag

Zugangskontrolle
DUS für access control

Zugangsprotokoll
DEU for access protocols

Zugfestigkeit
DEU for tensile strength

Zugfestigkeitsprüfung
DEU for tensile testing

Zugfestigkeitstest
DUS für tensile testing

Zugquerdehnungsmaterial
DUS für auxetics

Zugquerdehnungswerkstoff
DUS für auxetics

Zugreduzierung
DUS für drag reduction

Zugriffskontrolle
DUS für access control

Zugriffsprotokoll
DUS für access protocols

Zugstreckquerdehnungsmaterial
DUS für auxetics

Zugstreckquerdehnungswerkstoff
DUS für auxetics

Zusammenarbeit
DEU for cooperative work

zusammenarbeitende Filterung
DEU for collaborative filtering

Zusammenbau
DUS für assembling

zusammengefügter Code
DEU for concatenated codes

zusammengesetzte Fermionen
DUS für composite fermions

zusammengesetztes Hadron
DUS für composite hadrons

zusammengesetztes Partikel
DUS für composite particles

zusammengesetztes Teilchen
DUS für composite particles

Zusammensetzung kosmischer Strahlung
DEU for cosmic ray composition

zusammenwirkendes System
DEU for cooperative systems

Zusatzstoff
DEU for additives

Zustandsgleichung
DEU for equations of state

Zustandsraummethode
DEU for state-space methods

Zustandsrückkopplung
DUS für state feedback

Zustandsschätzung
DEU for state estimation

Zustandsüberwachung
DEU for condition monitoring

Zuteilung von Prozessoren im Mehrprozessorbetrieb
DUS für processor scheduling

Zutrittsprotokoll
DUS für access protocols

Zuverlässigkeit
DEU for reliability

Zuverlässigkeit der Energieerzeugung
DUS für power generation reliability

Zuverlässigkeit der Stromerzeugung
DUS für power generation reliability

Zuverlässigkeit des Computernetzes
DUS für computer network reliability

Zuverlässigkeit des Nachrichtennetzes
DUS für telecommunication network reliability

Zuverlässigkeit des Telekommunikationsnetzes
DUS für telecommunication network reliability

Zuverlässigkeit integrierter Schaltungen
DEU for integrated circuit reliability

Zuverlässigkeit supraleitender Bauelemente
DUS für superconducting device reliability

Zuverlässigkeit von Halbleiterbauelementen
DUS für semiconductor device reliability

Zuverlässigkeitstheorie
DEU for reliability theory

ZVS
USE zero voltage switching

Zwangskonvektion
DEU for forced convection

Zwei-Sechs-Verbindung
DEU for II-VI semiconductors

zweidimensionale Spektroskopie
DUS für two-dimensional spectroscopy

zweidimensionales Digitalfilter
DEU for two-dimensional digital filters

zweidimensionales Elektronengas
DEU for two-dimensional electron gas

zweidimensionales Lochgas
DEU for two-dimensional hole gas

zweidimensionales Spektrum
DEU for two-dimensional spectra

Zweigautomatisierung (Industrie)
DUS für branch automation

Zweiphasenströmung
DEU for two-phase flow

Zweiphotonen-Spektrometrie
DEU for two-photon spectroscopy

Zweiphotonen-Spektroskopie
DUS für two-photon spectroscopy

Zweiphotonenprozess
DEU for two-photon processes

Zweiphotonenspektrometrie
DUS für two-photon spectroscopy

Zweiphotonenspektroskopie
DUS für two-photon spectroscopy

Zweiphotonenspektrum
DEU for two-photon spectra

Zweiphotonenverfahren
DUS für two-photon processes

Zweiportnetz
DEU for two-port networks

Zweipunktregelung
DEU for bang-bang control

Zweisäulenpresse
DUS für presses

Zweiständerpresse
DUS für presses

Zweistoffmotor
DEU for dual fuel engines

Zweitoberwellenerzeugung
DEU for second harmonic generation

Zweiwertkontrolle
DEU for two-term control

Zweiwertregelung
DUS für two-term control

Zweiwertsteuerung
DUS für two-term control

Zwergnova
DEU for dwarf novae

Zwergstern
DEU for dwarf stars

Zwillingsbildung (Kristall)
DEU for twinning

Zwirn
DUS für yarn

zwischenatomare Doppelresonanz
DUS für INDOR

zwischenatomare Doppelresonanz (INDOR)
DUS für INDOR

Zwischenboson
DUS für intermediate bosons

Zwischenfrequenzverstärker
DUS für intermediate-frequency amplifiers

Zwischengitter
DEU for interstitials

Zwischenmodulationsmessung
DEU for intermodulation measurement

Zwischenmodulationsverzerrung
DUS für intermodulation distortion

zwischenmolekulare Kraft
DUS für intermolecular forces

zwischenmolekulare Mechanik
DUS für intermolecular mechanics

Zwischensternenmagnetfeld
DUS für interstellar magnetic fields

Zwischensternenmaterie
DUS für interstellar matter

Zwischensternenmolekül
DUS für interstellar molecules

Zwischensternenmolekülwolke
DUS für interstellar molecular clouds

Zwischenträgerinterferenz
DUS für intercarrier interference

Zwischenverstärker
DUS für repeaters

Zwischenzustand
DEU for intermediate state

ZX computers
USE Sinclair computers

zyklischer Code
DEU for cyclic codes

Zyklokonverter
DEU for cycloconvertors

Zyklonabscheider
DEU for cyclone separators

Zyklotron
DEU for cyclotrons

Zyklotronmaser
DEU for cyclotron masers

Zyklotronresonanz
DEU for cyclotron resonance

Zyklotronstrahlung
DEU for cyclotron radiation

Zylinder (Motor)
DUS für engine cylinders

ZZ Cet stars
USE variable stars
\+ white dwarfs